
**Office of the Deputy Under Secretary of Defense
(Installations & Environment)
Cleanup Office**



**Restoration Management Information System (RMIS)
Data Dictionary**

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October 2001

Table of Contents

INTRODUCTION.....	III
GLOSSARY AND DEFINITIONS.....	IV
RMIS PRIMARY TABLES.....	1
INSTALLATION TABLE	2
SITE TABLE.....	4
MEDIA TABLE	7
CONTAMINANT TABLE.....	9
CLEANUP_PHASE TABLE	10
COST TABLE	11
BUDGET TABLE	13
LEGAL_AGREEMENT TABLE.....	14
RANGE TABLE.....	15
PROGRESS_NARRATIVE TABLE	17
RAB TABLE	18
RANGE_CLASSIFICATION TABLE	19
LAND_USE_ACCESS_CONTROLS TABLE.....	20
LAND_USE_RESTRICTIONS TABLE.....	21
LAND_USE_INTEREST TABLE.....	22
PROPERTY_TRANSFER TABLE.....	23
REGULATORY_DRIVER TABLE.....	24
MUNITIONS_AREA TABLE	25
MMR_ORDNANCE TABLE.....	26
RMIS REFERENCE TABLES	27
REF_APPROPRIATION TABLE.....	28
REF_BRAC_ROUND TABLE	28
REF_BRAC_TYPE TABLE	29
REF_BUDGET_CATEGORY TABLE	29
REF_BUDGET_RISK TABLE	30
REF_CHF TABLE	31
REF_CLEANUP_MILESTONE TABLE	31
REF_COMMAND TABLE.....	32
REF_CONCENTRATION_UNITS TABLE.....	33
REF_CONTAMINANT TABLE	34
REF_CONTAMINANT_COMPARISON TABLE	34
REF_CONTAMINANT_GROUP TABLE.....	35
REF_CONTAMINANT_GROUP TABLE.....	36
REF_ELIGIBILITY TABLE.....	37
REF_IMPACT TABLE	39
REF_IRP_GROUP TABLE	39
REF_LEGAL_DRIVER TABLE	40
REF_LUC_EC TABLE	41
REF_LUC_IC TABLE	42
REF_MAP_FILE_FORMAT TABLE.....	43
REF_MEDIA TABLE	44
REF_MPF TABLE	44
REF_MMR_EXPOSURE_NMBR_BLG TABLE	45
REF_MMR_EXPOSURE_STRUCTURE TABLE.....	45
REF_MMR_EXPOSURE_LOCATION TABLE.....	46
REF_MMR_SITE_DYNAMICS TABLE.....	46
REF_NATURAL_CULTURAL TABLE.....	46

REF_NPL_STATUS TABLE.....	47
REF_ORDNANCE_TYPE TABLE	48
REF_PENALTY TABLE	49
REF_PHASE TABLE	50
REF_PHASE_GROUP TABLE	51
REF_PHASE_STATUS TABLE	52
REF_RAB_ACTIVITY TABLE	52
REF_RAB_ADVICE TABLE.....	53
REF_RAB_COMMUNITY_REP TABLE.....	53
REF_RAB_NOT_NEEDED TABLE.....	54
REF_RAC_CODE TABLE	55
REF_RANGE_STATUS TABLE	55
REF_REGULATORY_DRIVER TABLE	55
REF_RELATIVE_RISK TABLE.....	56
REF_REMEDY_TYPE TABLE	57
REF_RF TABLE	58
REF_SERVICE TABLE	58
REF_SITE_CAT TABLE.....	59
REF_SITE_TYPE TABLE.....	59
REF_SOURCE TABLE	61
REF_SOIL_TYPE TABLE	62
REF_STATE TABLE.....	63
REF_TOPOGRAPHY TABLE	64
REF_VEGETATION TABLE.....	64
BCP ABSTRACT TABLES.....	65
BCP_INSTALLATION TABLE	66
BCP_BUDGET TABLE.....	69
BCP_NARRATIVE TABLE.....	70
BCP_SUB_NARRATIVE TABLE	71
BCP ABSTRACT REFERENCE TABLES	72
REF_ACT_CODE TABLE	73
REF_BCP_TYPE TABLE.....	74
REF_BCP_SUB_TYPE TABLE	75
REF_REUSE_STATUS TABLE	76

Introduction

This Data Dictionary is based on the 2000 RMIS databases, RMIS00MY and RMIS00EY. MY is the database schema used to store and report data from the mid-year data call. All RMIS tables are not required for the mid-year schema. EY is the database schema used to store and report data from the end-of-year data call and used to produce the Annual Report to Congress (ARC). The Data Dictionary contains definitions and descriptions of the primary RMIS tables and the BRAC Cleanup Plan (BCP) tables. For those who need greater definition, there is a supplement to the Data Dictionary, which contains a sample BCP abstract, instructions for completing the BCP abstract, and procedures for populating calculated columns. Definitions and descriptions of BTABLES and ROLLUPS also are contained in a separate document.

For fiscal year 2001, the database schemas will be RMIS01MY and RMIS01EY. It is necessary to maintain an eight-character name; however, the names remain Y2K compliant in that there is no ambiguity as to the year for which the database contains data. For example, RMIS02EY will never be confused to have held 1902 or 2102 data.)

It is recognized that reporting requirements have altered the database over time. In fiscal year 2001, significant changes have occurred as a result of the DERP Management Guidance that addresses new requirements for UXO and financial liability data collection. Moreover, new primary data tables and reference tables have been added, as well as new data elements in existing tables and, in some cases, revised definitions of existing data elements. The listing of new primary tables is summarized below:

RANGE
RANGE_CLASSIFICATION
LAND_USE_ACCESS_CONTROLS
LAND_USE_RESTRICTIONS_CONTROLS
LAND_USE_INTEREST
PROPERTY_TRANSFER
REGULATORY_DRIVER
MUNITIONS_AREA
MMR_ORDNANCE

Glossary and Definitions

The RMIS Data Dictionary contains many terms and abbreviations. The purpose of this glossary is to serve as a reference for all of these terms and abbreviations.

CALCULATED	This Input Type defines columns that are calculated based on other data and predefined SQL procedures.
Data Type	Each column in a table needs to be identified by the type of data it contains. These include text, numeric, and date (and time). RMIS uses the following ORACLE Data Types: VARCHAR2, NUMBER, FLOAT and DATE.
DATE	Stores dates from January 1, 4712 BC to December 31, 4712. The default format for a date column is DD-MMM-YY. Where DD represents a two digit day, MMM defines a three character month and YY is a two digit year. For example, 26-MAY-98. For Y2K compliance, if there is any ambiguity, any DATE field may be displayed as DD-MMM-YYYY, where YYYY includes the century (e.g., 17-MAY-2001)
DERIVED	This Input Type describes columns that are derived from data in the same table or in reference tables (i.e. RSERVICE_CODE = Component submitting the data).
FLOAT	This Data Type stores numeric data. The decimal places are variable and may be different for each record stored in the table. A Float column has a maximum length of 126 digits including decimal places.
Foreign Key	A Foreign Key is used to establish relationships between tables and to allow the retrieval of information from another table. The data contained in a Foreign Key column is associated with data contained in another table. For example, the RMIS Installation table contains a Foreign Key column for State, RSTATE_CODE. This is a Foreign Key into the REF_STATE table. Foreign Key columns are used for validation and referential integrity. The Foreign Key may consist of more than one column.
INPUT	This column is used to define the input characteristics of the data. These include Required, Optional, Derived, Calculated, System and Other. Each of these Input Types is defined herein.
LENGTH	This column defines the maximum length for a column in the database. Fields that use a Number Data Type may also include the number of fixed decimal places. Please refer to "Number" for additional details.
NULL	Certain RMIS fields are permitted to contain NULL values. A NULL is defined as a column that lacks a value. Primary Key fields are not permitted to contain NULL values. Numeric fields may also contain NULL values, but a zero value is recommended to ensure that proper calculations are performed. A NOT NULL field is one which without data ORACLE will not permit a record to be saved.
NUMBER	This Data Type stores numeric data. The length and number of decimal places are defined as numeric values separated by a comma. For example, Number (8,3) would define a number field with a length of 8 and 3 decimal places. If no decimal places are required, then the length defines an integer value with no decimal places.
OPTIONAL	This Input Type identifies columns that are optional and may contain NULL values.
PK/FK	This column within the data dictionary documentation defines fields that are part of Primary Keys (PK), Foreign Keys (FK) or both.

Primary Key	The primary key is a column or set of columns that uniquely identify each record stored in a table. Once you designate a primary key for a table, the database will automatically prevent any duplicate or NULL values from being entered in the primary key columns. Primary keys also ensure referential integrity.
Referential Integrity	Either built-in or programmable routines that prevent a record in a data table from being deleted or updated if it is referred to by a record in an associated table.
REQUIRED	This Input Type identifies columns that require a value in a table. NULL values are not permitted in these columns. (Note, only NOT NULL fields are controlled by ORACLE. Other required fields are enforced via constraints or application code.)
RMISxxEY	This is the database schema used to store and report data from the end-of-year data call and used to produce the Annual Report to Congress. Also referred to, herein, as "EY."
RMISxxMY	This is the database schema used to store and report data from the mid-year data call. Note that all tables are not required for the mid-year schema. Also referred to, herein, as "MY."
SCHEMA	A separate database within the RMIS instance. There are two for each year. For Fiscal Year 1999, there are RMIS99MY and RMIS9EY.
SYSTEM	This Input Type identifies columns that are automatically system generated. For example, CREATED_DATE and UPDATED_DATE.
VARCHAR2	This Data Type stores variable length character (text) data, with a maximum size of 2,000 characters. Field size must be specified.

RMIS Primary Tables

INSTALLATION Table

DESCRIPTION: The INSTALLATION table identifies installations/properties and the Component and Restoration Program to which the installations/properties belong. INSTALLATION is the core table of the RMIS database. The FFID column is included in all primary and foreign keys, except for reference tables. **If an FFID is not defined in this table, records cannot be added to the other RMIS data tables.**

PRIMARY KEY:

Primary Key Columns: **FFID, RSERVICE_CODE**

FOREIGN KEY:

Referenced Table: **REF_BRAC_ROUND**

Foreign Key Columns: **RBRAC_ROUND**

Referenced Table: **REF_COMMAND**

Foreign Key Columns: **RCOMMAND_CODE, RSERVICE_CODE**

Referenced Table: **REF_NPL_STATUS**

Foreign Key Columns: **RNPL_STATUS_CODE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_SOURCE**

Foreign Key Columns: **RSOURCE_CODE**

Referenced Table: **REF_STATE**

Foreign Key Columns: **RSTATE_CODE**

Referenced Table: **REF_FIVE_YEAR_REVIEW**

Foreign Key Columns: **FIVE_YEAR_REVIEW**

SCHEMA: MY and EY

INSTALLATION Table																			
Column Name	Data Type	PK/FK	Length	Input	Description														
FFID	VARCHAR2	PK	14	Required (NOT NULL)	<p>The Federal Facility Identification (FFID) number. The FFID is a unique identifier, assigned to an installation/property in RMIS. The 14-character aggregate string is used in RMIS as the key column for each data table and is used to track all associated records for each installation. The FFID data string is composed of four columns in the following order:</p> <p>The state/territory/political unit - An alphanumeric code that identifies the state or territory in which the installation is located. This code occupies the first two characters of the FFID and usually consists of the standard U.S. Post Office abbreviation. (See REF_STATE table)</p> <p>The EPA Region number - This code identifies the EPA region in which the installation is located, or the EPA region administratively responsible for conducting or overseeing response activity at the installation. This code occupies the third character of the FFID.</p> <p>Service/agency component and major command code - This code uniquely identifies the Service or agency that has primary responsibility for an installation. The code occupies the 4th-7th characters in the FFID. (X = Service defined)</p> <table><tr><td><u>Service</u></td><td><u>Code</u></td></tr><tr><td>U.S. Army</td><td>21XX</td></tr><tr><td>U.S. Navy</td><td>17XX</td></tr><tr><td>U.S. Air Force</td><td>57XX</td></tr><tr><td>Defense Logistics Agency</td><td>9715</td></tr><tr><td>Defense Special Weapons Agency</td><td>9714</td></tr><tr><td>Formerly Used Defense Sites (FUDS)</td><td>9799</td></tr></table> <p>The Property number – This number is assigned by the General Services Administration (GSA) for an installation. This code occupies the final seven characters of the FFID. If FFIDs with only 12 character are provided, RMIS will add zeros for the 13th and 14th characters.</p>	<u>Service</u>	<u>Code</u>	U.S. Army	21XX	U.S. Navy	17XX	U.S. Air Force	57XX	Defense Logistics Agency	9715	Defense Special Weapons Agency	9714	Formerly Used Defense Sites (FUDS)	9799
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RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)														
RSOURCE_CODE	VARCHAR2	FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.														
INST_NAME	VARCHAR2		50	Required	The name of an installation/property. An installation/property is a physical entity, used and maintained by a Component of the Department of Defense (DoD) consisting of one or more of the following types of real property: a building, structure, utility system, some types of equipment, lands, pavement improvements, and appurtenances. The location is listed first. For example: Pensacola PWC rather than PWC Pensacola.														

RMIS Data Dictionary
Primary Tables

INSTALLATION Table					
Column Name	Data Type	PK/FK	Length	Input	Description
RBRAC_ROUND	VARCHAR2	FK	4	Required	The year representing the BRAC round in which the installation was included. If the installation was not included in any one of the BRAC rounds, DERA is used. For installations included in multiple BRAC rounds, the first BRAC round is used.
PROGRAM	VARCHAR2		4	Derived	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are considered as 'BRAC'. Installations may have sites that are both DERA and BRAC and this flag is set to 'BOTH' for these installations.
INST_ADDRESS1	VARCHAR2		60	Optional	The office mailing address for the installation's DERP point of contact. For FUDS installations, the mailing address for the responsible U.S Army Corps of Engineers district point of contact is given.
INST_ADDRESS2	VARCHAR2		40	Optional	Continuation of address, as needed
INST_CITY	VARCHAR2		30	Required	City where the installation/property is located.
RSTATE_CODE	VARCHAR2	FK	2	Required	Code representing the State where the installation/property is located. (See REF_STATE table)
INST_COUNTY	VARCHAR2		3	Optional	County where the installation/location is located.
RCOMMAND_CODE	VARCHAR2	FK	7	Required	The command code for the major command of the installation/property. Major commands are major subdivisions of the Components that are assigned major roles of a Component's mission and directly subordinate to their respective headquarters. (See REF_COMMAND table)
RNPL_STATUS_CODE	VARCHAR2	FK	1	Required	A code used to identify an installation's NPL status as issued by the Environmental Protection Agency (EPA) in accordance with the National Contingency Plan D CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act). The NPL, often referred to as the 'Superfund list', is a compilation of sites that have been assigned priority by the EPA. The code indicates which installations are included in, proposed for, or deleted from the National Priorities List (NPL). The default is 'N' which indicates installations not on the NPL. (See REF_NPL_STATUS table)
RIPRC_FY	NUMBER		4	Calculated	The Fiscal Year of the RIP_RC_DATE column. (See RIP/RC Update Procedure)
RIP_RC_DATE	NUMBER		10	Calculated	The maximum SITE_RIP_RC_DATE of all the sites associated with the installation/property in the SITE table. (See RIP/RC Update Procedure)
RIPRC_FY_BRAC	NUMBER		4	Calculated	The Fiscal Year of the maximum of the SITE_RIP_RC_DATE of all the BRAC sites associated with the installation from the SITE table. If the installation has no BRAC sites, this date is not calculated. (See RIP/RC Update Procedure)
RIPRC_FY_DERA	NUMBER		4	Calculated	The Fiscal Year of the maximum of the SITE_RIP_RC_DATE of all the DERA sites associated with the installation from the SITE table. If the installation has no DERA sites, this date is not calculated. (See RIP/RC Update Procedure)
RC_FY_BRAC	NUMBER		4	Calculated	The maximum RC_FY of all the BRAC sites associated with the installation/property in the SITE table. (See RIP/RC Update Procedure)
RC_FY_DERA	NUMBER		4	Calculated	The maximum RC_FY of all the DERA sites associated with the installation/property in the SITE table. (See RIP/RC Update Procedure)
RC_FY	NUMBER		4	Calculated	The maximum of the RC_FY_BRAC or RC_FY_DERA date for the installation. (See RIP/RC Update Procedure)
TAG	VARCHAR2		1	Calculated	One letter code (Y/N) which indicates if the installation has any associated site records.
IN_96_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 1996 RMIS database. ¹
IN_97_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 1997 RMIS database.
IN_98_FLAG	VARCHAR2		1	Derived	One letter code (Y/N) to identify if the FFID existed in 1998 RMIS database.
FASTRACK	VARCHAR2		1	Required	Received from ODUSD (ES) office. A flag which indicates if the installation is part the of the FAST TRACK program. Values are 'Y,' 'N,' or 'D' (DoD believes installation to be part of program, but EPA does not.)
FIVE_YEAR_REVIEW	VARCHAR2	FK	3	Required	Picklist: Five-year review completed, Five-year review underway, Five-year review planned, No Five-year review (multiple choices may be selected.)
FIVE_YEAR_REVIEW_LAST	DATE		9	Optional	Date of last Five year review
FIVE_YEAR_REVIEW_NEXT	DATE		9	Optional	Date of next Five year review
IN_APPENDIX_A_FLAG	VARCHAR2		4	Derived	Used in EY schema; contains ARC Appendix A page number.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated. System Generated.

¹ Each year a new flag is added.

SITE Table

DESCRIPTION: The SITE table identifies sites associated with each installation in the INSTALLATION table. This table contains relevant data about the program that the site belongs to, the relative risk evaluation data, NPL status, estimated and actual remedy in place and response complete dates, and the site type classification. The FFID for a site *must* be defined in the INSTALLATION table in order for a record to be added to the site table.

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:

Referenced Table: **INSTALLATION**

Foreign Key Columns: **FFID, RSERVICE_CODE**

Referenced Table: **REF_RELATIVE_RISK**

Foreign Key Columns: **RREL_RISK_BAH**

Referenced Table: **REF_RELATIVE_RISK**

Foreign Key Columns: **RREL_RISK_CODE**

Referenced Table: **REF_SITE_TYPE**

Foreign Key Columns: **RSITE_TYPE_CODE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_SOURCE**

Foreign Key Columns: **RSOURCE_CODE**

Referenced Table: **REF_RANGE_ID**

Foreign Key Columns: **RANGE_ID**

Referenced Table: **REF_RAC_CODE**

Foreign Key Columns: **RAC_CODE**

Referenced Table: **REF_NATURAL_CULTURAL_SENSITIVE**

Foreign Key Columns: **NATURAL_CULTURAL_SENSITIVE**

Referenced Table: **REF_LUC_EC**

Foreign Key Columns: **LUC_EC**

Referenced Table: **REF_LUC_IC**

Foreign Key Columns: **LUC_IC**

SCHEMA: MY and EY

SITE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK	13	Required (NOT NULL)	A unique name given to a distinct area of an installation containing one or more releases or threatened releases of hazardous substances treated as a discreet entity or consolidated grouping for response purposes. Includes any building, structure, impoundment, landfill, storage container, or other site or area where a hazardous substance was or has come to be located, including formerly used sites eligible for Building Demolition/Debris Removal (BD/DR). Installations may have more than one site
RANGE_ID	VARCHAR2	FK	14	Required	Unique alpha-numeric identifier, only entered if the site is associated with a range (separate from the FFID and SITE_ID.)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Derived (NOT NULL)	The Service Code of the component that has oversight of the site.
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	This code identifies whether the site is assigned to either the DERA or BRAC program.
RBRAC_ROUND	VARCHAR2		4	Derived	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used.
SITE_NAME	VARCHAR2		20	Optional	This is an optional column that identifies the site.
SITE_ON_NPL_FLAG	VARCHAR2		1	Required	This code identifies sites that are included in, proposed for, or deleted from the National Priority List (NPL). (See REF_NPL_STATUS table)
SITE_NPL_DELIST_DATE	NUMBER		6	Required	The month and year (YYYYMM) a site was removed from the NPL, as appropriate.

RMIS Data Dictionary
Primary Tables

SITE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
SITE_EST_RIP_DATE	NUMBER		6	Required	The date the final remedy is expected to be in place. Final Remedy in Place is defined as when the construction of the final remedial action has been completed and the remedy is operational and functioning properly and performing as designed. 'Not Required' if an actual RIP date is provided or if the final remedy does not require an operational period. Use YYYYMM format.
SITE_ACT_RIP_DATE	NUMBER		6	Required	The date the final remedy was put in place, as appropriate. 'Not Required' if the final remedy does not require an operational (RA-O) period. Use YYYYMM format.
SITE_EST_RC_DATE	NUMBER		6	Required	The date that the IRP process at the site is expected to be complete. This does not include the Long Term Monitoring phase (LTM). 'Not Required' if the actual RC date is provided. Use YYYYMM format.
SITE_ACT_RC_DATE	NUMBER		6	Required	The date that the IRP process at the site was completed with a documented decision and if required, regulatory requirement for notification or application for concurrence has occurred. This does not include the Long Term Monitoring phase (LTM). Use YYYYMM format.
SITE_RIP_RC_DATE	NUMBER		6	Calculated	The first date encountered, from the SITE_ACT_RIP_DATE, SITE_ACT_RC_DATE, SITE_EST_RIP_DATE and SITE_EST_RC_DATE columns, in that order.
SITE_ACT_RIPRC	NUMBER		6	Calculated	The first date encountered from the SITE_ACT_RIP_DATE, SITE_ACT_RC_DATE, in that order. (See RIP/RC Update Procedure)
RIP_FY	NUMBER		4	Calculated	The fiscal year of the first date encountered from the SITE_ACT_RIP_DATE, SITE_EST_RIP_DATE, in that order. (See RIP/RC Update Procedure)
RC_FY	NUMBER		4	Calculated	The fiscal year of the first date encountered from the SITE_ACT_RC_DATE, SITE_EST_RC_DATE, in this order. (See RIP/RC Update Procedure)
RIPRC_FY	NUMBER		4	Calculated	The fiscal year of the first date encountered from the SITE_ACT_RIP_DATE, SITE_EST_RIP_DATE, in that order or the fiscal year of the first date encountered from the SITE_ACT_RC_DATE, SITE_EST_RC_DATE, in this order if no RIP dates exist. (Assumes that RIP dates are always equal to or earlier than RC dates.)
STUDYC_FY	NUMBER		6	Calculated	The date the site investigation is considered complete. This date is calculated, in part, from the actual and estimated start and end dates of the study phases in the CLEANUP_PHASE table. This column is used in the Measures of Merit #2 and to support the Annual Report to Congress. (See STUCYC Procedure.)
RSITE_TYPE_CODE	VARCHAR2	FK	2	Required	A valid site type code that describes the type of site. (See REF_SITE_TYPE table)
RREL_RISK_CODE	VARCHAR2	FK	1	Calculated	The relative risk category assigned to the site. Components maintain the original relative risk rating for the site and this category has been adjusted to correctly reflect actual RIP or RC dates for which a relative risk evaluation is not required. Relative risk site evaluations are required for all sites except for the following conditions: 1) all remedies in place (RIP), 2) site is determined to be response complete, 3) the site is classified under Unexploded Ordnance (UXO) program, or 4) sites that are building demolition/debris removal (BD/DR). (See REF_RELATIVE_RISK table for allowable codes.) (See the Relative Risk Site Evaluation Primer for complete information regarding site evaluations.)
RAC_CODE	VARCHAR2	FK	1	Optional	Overall RAC score, to include: 1=Imminent Threats to Human Safety 2=Possible Threats to Human Safety 3=Marginal Threats to Human Safety 4=Remote Threats to Human Safety 5=Not Evaluated
RAC_HAZARD_PROBABILITY	VARCHAR2		2	Optional	RAC hazard probability score (numeric)
RAC_HAZARD_SEVERITY	VARCHAR2		2	Optional	RAC hazard severity score (numeric)
RREL_RISK_BAH	VARCHAR2	FK	1	Calculated	The relative risk category resulting from the Relative Risk Recalculation process which reflects the highest media recalculated relative risk rating (Driving media) for the site. The Relative Risk Recalculation is based on the data in associated records in the MEDIA and CONTAMINANT tables for the site and in conformance with the criteria defined in the Relative Risk Site Evaluation primer.
RR_ORIG	VARCHAR2		1	Required	The site relative risk evaluation code of the site as submitted by the Component. (See REF_RELATIVE_RISK table)
IN_96_FLAG	VARCHAR2		1	Calculated	This flag identifies if the site existed in 1996 RMIS database. (Y/N) ²

2

Each year a new flag is added.

RMIS Data Dictionary
Primary Tables

SITE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
IN_97_FLAG	VARCHAR2		1	Calculated	This flag identifies if the site existed in 1997 RMIS database. (Y/N)
IN_98_FLAG	VARCHAR2		1	Calculated	This flag identifies if the site existed in 1998 RMIS database. (Y/N)
IN_99MY_FLAG	VARCHAR2		1	Calculated	This flag identifies if the site existed in 1999 RMIS midyear database. (Y/N)
MOM3_IRA	NUMBER		6	Calculated	The Fiscal Year during which the first IRA phase for a site is or will be complete as derived from the estimated and actual end dates of IRA phases for the site in the CLEANUP_PHASE table. This column is used in Measures of Merit #3 and the Annual Report to Congress. (See MOM3_IRA procedure)
IRP_FLAG	VARCHAR2		1	Required	Yes/No indicates the site is an IRP site
MMR_FLAG	VARCHAR2		1	Required	Yes/No indicates the site is a Military Munitions Response (MMR) site (i.e., UXO site)
BDDR_FLAG	VARCHAR2		1	Required	Yes/No indicates the site is a BD/DR site
ON_RANGE_FLAG	VARCHAR2		1	Required	Yes/No indicates if the site is part of a range
NATURAL_CULTURAL_SENSITIVE	VARCHAR2	FK	1	Optional	Natural and cultural resource delineation status picklist to include: natural resource impacted, cultural resource impacted, environmentally sensitive area impacted
WLATITUDE	NUMBER		10,6	Optional	Geospatial data for identifying the MMR site location, using the easternmost boundary
WLONGITUDE	NUMBER		10,6	Optional	Geospatial data for identifying the MMR site location, using the southernmost boundary
FIVE_YEAR_REVIEW_FLAG	VARCHAR2		1	Required	Yes/No field indicates if this site is one of the sites at the installation driving a five year review at the installation
LUC_EC	VARCHAR2	FK	2	Optional	Land Use Controls for IRP sites (Engineering Controls), Picklist: Air Sparging to contain, Air Sparging to treat, Alternative water supply, Cap-bark, Cap-Bentonite, Cap-Dirt, Cap-Grass, Cap-Gravel, Cap-Other, City Water, Fences, Guards, LTM, Other, Pump and Treat to contain, Pump and Treat to treat, Signs, Slurry Wall.
LUC_IC	VARCHAR2	FK	2	Optional	Land Use Controls for IRP sites (Institutional Controls), Picklist: Administrative Orders, Affirmative Covenants, Affirmative easements appurtenant, Affirmative easements in gross, Construction permit, Dig permits, Education programs, Equitable servitude, Negative easements in gross, Notices, None, Restrictions on groundwater withdrawal, Restrictive covenants, Zoning and notations in master plan.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date of the last update to the record. System Generated.

MEDIA Table

DESCRIPTION: The MEDIA table contains media data associated with sites defined in the SITE table. This data includes the relative risk evaluation data for the media as provided by the Components and the relative risk evaluation data from the relative risk recalculation process. Media records *must* have the FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE defined in the SITE table before they can be added to this table.

PRIMARY KEY:

Primary Key Columns: FFID, SITE_ID, RMEDIA_CODE, RSERVICE_CODE, RSOURCE_CODE

FOREIGN KEY:

Referenced Table: REF_CHF

Foreign Key Columns: RCHF_CODE

Referenced Table: REF_MEDIA

Foreign Key Columns: RMEDIA_CODE

Referenced Table: REF_MPF

Foreign Key Columns: RMPF_CODE

Referenced Table: REF_RELATIVE_RISK

Foreign Key Columns: RREL_RISK_CODE

Referenced Table: REF_RF

Foreign Key Columns: RRF_CODE

Referenced Table: REF_SERVICE

Foreign Key Columns: RSERVICE_CODE

Referenced Table: REF_SOURCE

Foreign Key Columns: RSOURCE_CODE

Referenced Table: SITE

Foreign Key Columns: FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE

SCHEMA: MY and EY

MEDIA Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. This <i>must</i> be defined in the SITE table. (See INSTALLATION table)
SITE_ID	VARCHAR2	FK	13	Required (NOT NULL)	The site_id of the site that records are associated with. This <i>must</i> be defined in the SITE table.
RMEDIA_CODE	VARCHAR2	PK/FK	2	Required (NOT NULL)	The valid media code which identifies the medium of concern. There are eight possible media of concerns per site. The media codes are based on the four media (Groundwater, Soil, Water, Sediment) and the associated exposure endpoints (Human, Ecological – Freshwater and Ecological – Marine). (See REF_MEDIA table)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
TOTAL_RATIO	NUMBER		17,7	Required	Sum of all site contaminant ratios for contaminants of concern that are associated with the media.
TOTAL_RATIO_BAH	FLOAT		126	Calculated	The sum of all contaminant table total ratios, by media, calculated during the relative risk recalculation process.
RREL_RISK_CODE	VARCHAR2	FK	1	Required	The relative risk category for the media determined by applying the media CHF, MPF and RF according to directions in the Relative Risk Site Evaluation primer.
RREL_RISK_BAH	VARCHAR2		2	Calculated	The recalculated media relative risk from the relative risk recalculation process.
RCHF_CODE	VARCHAR2	FK	1	Required	The code that identifies the media contaminant hazard factor (CHF) as determined for the media. The CHF is a qualitative rating based on the aggregate sum of the contaminant ratios detected for the media. (See REF_CHF table for allowable factor classification and the Relative Risk Site Evaluation Primer)
RCHF_CODE_BAH	VARCHAR2		2	Calculated	The CHF calculated during the relative risk recalculation process.
RMPF_CODE	VARCHAR2	FK	1	Required	The code that identifies the Migration Pathway Factor (MPF), as determined for the media. The MPF is defined as the likelihood or extent of contaminant migration at the site. The MPF is determined by the evaluator(s) on the basis of professional judgment and consideration of available site information. Refer to the Relative Risk Site Evaluation primer for the complete definition of receptor factor determination. (See REF_MPF table)
RMPF_BAH	VARCHAR2		1	Derived	This column is derived from the RMPF_CODE column and null records are updated to Not Evaluated. This column is used during the relative risk recalculation process.

RMIS Data Dictionary
Primary Tables

MEDIA Table					
Column Name	Data Type	PK/FK	Length	Input	Description
RRF_CODE	VARCHAR2	FK	1	Required	The code which identifies the receptor factor (RF) determined for the media. The media RF is the information identify the present or future likelihood of contaminant affect to receptors at the site. The evaluators on the basis of professional judgment and available site and media information determine the RF. Refer to the Relative Risk Site Evaluation primer for the complete definition of receptor factor determination. (See REF_RF table)
RRF_BAH	VARCHAR2		1	Derived	This column is derived from the RRF_CODE column and null records are updated to Not Evaluated. This column is used during the relative risk recalculation.
MPF_RATIONALE	VARCHAR2		250	Required	Narrative of the rationale supporting the MPF classification for the media.
RF_RATIONALE	VARCHAR2		250	Required	Narrative of the rationale supporting the RF classification for the media.
CREATED_DATE	DATE		7	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		7	System	The date the record was last updated in RMIS. System Generated.

CONTAMINANT Table

DESCRIPTION: The CONTAMINANT table contains the contaminant concentration, concentration units, comparison value, and resultant total ratio from the relative risk recalculation process. Contaminant records can only be added to this table for media that are present in the media table and the contaminant CAS (Chemical Abstract Service) Number is defined in the REF_CONTAMINANT table. Only one contaminant as identified by the CAS Number can be associated with a given media for a site. The FFID, SITE_ID, RMEDIA_CODE, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the MEDIA table before records can be added to this table.

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID, RMEDIA_CODE, RCONTAMINANT_CAS_NMBR, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

Referenced Table: **MEDIA**

Foreign Key Columns: **FFID, SITE_ID, RMEDIA_CODE, RSERVICE_CODE, RSOURCE_CODE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_SOURCE**

Foreign Key Columns: **RSOURCE_CODE**

Referenced Table: **REF_CONCENTRATION_UNITS**

Foreign Key Columns: **RCONC_UNITS_CODE**

Referenced Table: **REF_MEDIA**

Foreign Key Columns: **RMEDIA_CODE**

Referenced Table: **REF_CONTAMINANT**

Foreign Key Columns: **RCONTAMINANT_CAS_NMBR**

SCHEMA: MY and EY

CONTAMINANT Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK,FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK,FK	13	Required (NOT NULL)	Site Identification. (See SITE table)
RMEDIA_CODE	VARCHAR2	PK,FK	2	Required (NOT NULL)	Media Code. (See MEDIA table)
RCONTAMINANT_CAS_NMBR	VARCHAR2	PK,FK	25	Required (NOT NULL)	The Chemical Abstract Service (CAS) registry number associated with the chemical name and list in the DoD contaminant master table in the Relative Risk Site Evaluation primer. Only one record as identified by CAS Number can be associated with a site and its media. (See REF_CONTAMINANT table)
RSERVICE_CODE	VARCHAR2	PK,FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK,FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
ORIG_NAME	VARCHAR2		100	Required	The name of the contaminant as submitted.
CONCENTRATION	VARCHAR2		19,7	Required	Highest concentration detected and recorded for the contaminant in the media.
RCONC_UNITS_CODE	VARCHAR2	FK	2	Required	Code for the unit of measurement associated with the contaminant and media as indicated in the DoD contaminant master table in the Relative Risk Site Evaluation primer. (See REF_CONCENTRATION_UNITS table)
RCONT_VALUE	NUMBER		19,7	Derived	The comparison value assigned to the contaminant for identified media as assigned by the Relative Risk Comparison Values in the Relative Risk Site Evaluation primer. (See REF_CONTAMINANT_COMPARISON table or RRSE Primer.)
TOTAL_RATIO_BAH	FLOAT		126	Calculated	Resultant contaminant ratio from the relative risk recalculation process. TOTAL_RATIO_BAH = CONCENTRATION / RCONT_VALUE
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated in RMIS. System Generated.

CLEANUP_PHASE Table

DESCRIPTION: The CLEANUP PHASE table contains specific cleanup phase data such as phase status, and estimated and actual start and end dates for the associated site. The FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the SITE table before the cleanup phase records can be added to the CLEANUP PHASE table.

PRIMARY KEY:

Primary Key Columns: FFID, SITE_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE, CPHASE_ID

FOREIGN KEY:

Referenced Table: SITE

Foreign Key Columns: FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE

Referenced Table: REF_PHASE_STATUS

Foreign Key Columns: RPHASE_STATUS_CODE

Referenced Table: REF_PHASE

Foreign Key Columns: RPHASE_CODE

Referenced Table: REF_SERVICE

Foreign Key Columns: RSERVICE_CODE

Referenced Table: REF_SOURCE

Foreign Key Columns: RSOURCE_CODE

Referenced Table: REF_REMEDY_TYPE

Foreign Key Columns: RREMEDY_TYPE_CODE

Referenced Table: REF_IMPACT

Foreign Key Columns: RIMPACT_CODE

SCHEMA: MY and EY

CLEANUP_PHASE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. This <i>must</i> be defined in the SITE table. (See INSTALLATION Table)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	SITE_ID <i>must</i> be defined in the SITE table. (See SITE table)
RPHASE_CODE	VARCHAR2	PK/FK	7	Required (NOT NULL)	Valid phase code as defined in the REF_PHASE table. (See REF_PHASE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
CPHASE_ID	NUMBER	PK	8	System (NOT NULL)	System generated unique value to allow multiple cleanup phase records for the same phase code such as IRA.
CPHASE_EST_START_DATE	NUMBER		6	Required	Estimated starting date of cleanup phase. 'Not Required' is used if an actual start date is provided. Use YYYYMM format.
CPHASE_EST_END_DATE	NUMBER		6	Required	Estimated ending date of cleanup phase. 'Not Required' is used if an actual end is provided. Use YYYYMM format.
CPHASE_ACT_START_DATE	NUMBER		6	Required	Actual starting date of cleanup phase. Use YYYYMM format.
CPHASE_ACT_END_DATE	NUMBER		6	Required	Actual ending date of cleanup phase. Use YYYYMM format.
RPHASE_STATUS_CODE	VARCHAR2	FK	1	Calculated	Phase status code as validated by the estimated and actual start and end dates. (See REF_PHASE_STATUS table)
RREMEDY_TYPE_CODE	VARCHAR2	FK	3	Required	The code of the most applicable remedial action technology type being performed at the site. This code should be entered for each IRA and final RA phase no later than the actual end date of the RI/FS phase. At NPL sites, the code should be entered no later than the actual start date of the RD phase.
RIMPACT_CODE	VARCHAR2	FK	4	Optional	Reason phase schedule is affected.
ORIG_STAT	VARCHAR2		1	Required	The original phase status code as provided by the submitting Component. 'F'-Planned for Future Action, 'U'- Underway, or 'C'- Action Completed.
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

COST Table

DESCRIPTION: The COST table contains the costs associated with each cleanup phase identified for each site. Only one cost record per phase is allowed. If multiple cost records are submitted by FFID, SITE_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE_CODE, FUNDSERV, and FUNDSOURCE, the cost for each FY is summed and one record is created. The FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the SITE table before cost records can be added to the COST table.

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID, RPHASE_CODE, RSERVICE_CODE, RSOURCE_CODE, FUNDSERV, FUNDSOURCE**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

Referenced Table: **REF_PHASE**

Foreign Key Columns: **RPHASE_CODE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_SOURCE**

Foreign Key Columns: **RSOURCE_CODE**

Referenced Table: **REF_ELIGIBILITY**

Foreign Key Columns: **ELIGIBILITY**

Referenced Table: **REF_SUFFICIENCY**

Foreign Key Columns: **SUFFICIENCY**

SCHEMA: MY and EY

COST Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. (See INSTALLATION table)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site Identification. (See SITE table)
RPHASE_CODE	VARCHAR2	PK/FK	7	Required (NOT NULL)	The cleanup phase. (See REF_CLEANUP_PHASE table)
RSERVICE_CODE	VARCHAR2	PK/FY	4	Derived (NOT NULL)	This code identifies the service from which the costs were reported.
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	This code identifies the program (i.e., DERA or BRAC) from which the costs were reported.
FUNDSERV	VARCHAR2	PK	4	Required (NOT NULL)	This code identifies the service to which the costs are attributed.
FUNDSOURCE	VARCHAR2	PK	4	Required (NOT NULL)	This code identifies the program (i.e., DERA or BRAC) to which the costs are attributed.
RBRAC_ROUND	VARCHAR2		4	Derived	This code (BRAC Round Year) represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used.
ELIGIBILITY	VARCHAR2	FK	2	Required	Picklist: Identifies funding eligibility based on Table 1 from the DERP Management Guidance.
SUFFICIENCY	VARCHAR2		2	Calculated	Yes/No flag indicating whether or not an RI start has occurred for this site. If it has, then the record may be used for financial liability tallying.
IRP_FLAG	VARCHAR2		1	Required	Yes/No indicates the site is an IRP site
MMR_FLAG	VARCHAR2		1	Required	Yes/No indicates the site is an MMR site
BDDR_FLAG	VARCHAR2		1	Required	Yes/No indicates the site is a BD/DR site
ACCOUNT	VARCHAR2	FK	1	Required	Indicates O&M or MILCON (see REF_APPROPRIATION table)
FY00EXE	NUMBER		10	Required	Cost for Fiscal Year 2000. ³
FY01EXE	NUMBER		10	Required	Cost for Fiscal Year 2001.
FY02	NUMBER		10	Required	Cost for Fiscal Year 2002.
FY03	NUMBER		10	Required	Cost for Fiscal Year 2003.
FY04	NUMBER		10	Required	Cost for Fiscal Year 2004.
FY05	NUMBER		10	Required	Cost for Fiscal Year 2005.
FY06	NUMBER		10	Required	Cost for Fiscal Year 2006.

³

Each year the names of this and the next column are changed (e.g., for RMIS00EY the columns will be FY99EXE and FY00EXE)

RMIS Data Dictionary

Primary Tables

FY07	NUMBER		10	Required	Cost for Fiscal Year 2007.
FY08COMP	NUMBER		10	Required	Cost estimate Fiscal Year 2008 to completion.
BYCOMP_LIABILITY	NUMBER		10	Calculated	Budget Year to completion funding that matches financial liability statement. Calculated based on summing FY01EXE through FY08COMP fields.
RISK_GENERIC	VARCHAR2		14	Calculated	Calculated based on risk codes provided by the Components in their CTC data.
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

BUDGET Table

DESCRIPTION: The BUDGET table contains the budget data as submitted by each Component in the annual budget process. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the INSTALLATION table before budget records can be added to the this table.

PRIMARY KEY:

Primary Key Columns: **FFID, RPHASE_CODE, RBUDGET_RISK_CODE, RSERVICE_CODE, RSOURCE_CODE, FUNDSERV, FUNDSOURCE**

FOREIGN KEY:

Referenced Table: **INSTALLATION**
Foreign Key Columns: **FFID, RSERVICE_CODE**
Referenced Table: **REF_SERVICE**
Foreign Key Columns: **RSERVICE_CODE**
Referenced Table: **REF_SOURCE**
Foreign Key Columns: **RSOURCE_CODE**
Referenced Table: **REF_PHASE**
Foreign Key Columns: **RPHASE_CODE**
Referenced Table: **REF_BUDGET_RISK**
Foreign Key Columns: **RBUDGET_RISK_CODE**
Referenced Table: **REF_LEGAL_DRIVER**
Foreign Key Columns: **RLEGAL_DRIVER_CODE**

SCHEMA: MY and EY

BUDGET Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. (See INSTALLATION table)
RPHASE_CODE	VARCHAR2	PK/FK	6	Required (NOT NULL)	The code representing the description of work phases/projects in the DERP to which funds are assigned/budgeted. (See REF_PHASE table.)
RBUDGET_RISK_CODE	VARCHAR3	PK/FY	2	Derived (NOT NULL)	This code identifies the budget risk (See REF_BUDGET_RISK).
RSERVICE_CODE	VARCHAR2	PK/FY	4	Required (NOT NULL)	This code identifies the service to which the site is attributed.
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	The code which identifies the program (DERA/BRAC) to which the budget data is attributed. The data in this column is added during the data loading process. (See REF_SOURCE table.)
FUNDSOURCE	VARCHAR2	PK		Required (NOT NULL)	This code identifies the source of the funding (DERA or BRAC).
FUNDSERV	VARCHAR2	PK	4	Required (NOT NULL)	The Funding Service submitting DERP budget data. (See REF_SERVICE table.)
RLEGAL_DRIVER	VARCHAR2	FK	1		This code describes why funding is being provided (See REF_LEGAL_DRIVER).
FY84_THRU_92	NUMBER		10	Derived	Budget for Fiscal Year 1984 through FY 1992.
FY93EXE	NUMBER		10	Derived	Budget for Fiscal Year 1993.
FY94EXE	NUMBER		10	Required	Budget for Fiscal Year 1994.
FY95EXE	NUMBER		10	Required	Budget for Fiscal Year 1995.
FY96EXE	NUMBER		10	Required	Budget for Fiscal Year 1996.
FY97EXE	NUMBER		10	Required	Budget for Fiscal Year 1997.
FY98EXE	NUMBER		10	Required	Budget for Fiscal Year 1998.
FY99	NUMBER		10	Required	Budget for Fiscal Year 1999.
FY00	NUMBER		10	Required	Budget for Fiscal Year 2000.
FY01	NUMBER		10	Required	Budget for Fiscal Year 2001.
FY02	NUMBER		10	Required	Budget for Fiscal Year 2002.
FY03	NUMBER		10	Required	Budget for Fiscal Year 2003.
FY04	NUMBER		10	Required	Budget for Fiscal Year 2004.
FY05	NUMBER		10	Required	Budget for Fiscal Year 2005.
FY06COMP	NUMBER		10	Required	Budget estimate Fiscal Year 2006 to completion.
IN_PREV_YEAR_FLAG	VARCHAR2		1	Required	Flag indicating the presence historical data.
DATA_FROM_THIS_YEAR_FLAG	VARCHAR2		1	Required	Flag indicating budget includes data from current year.
NEW_THIS_YEAR_FLAG	VARCHAR2		1	Required	Flag indicating there is no historical data.
AKA_FFID	VARCHAR2		14		Prior FFID.
PROGRAM	VARCHAR2		4		Indicates whether FFID has BRAC or DERA sites or BOTH.
FY97COST	NUMBER		10	Derived	Contains FY97 cost data.
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

LEGAL_AGREEMENT Table

DESCRIPTION: The LEGAL_AGREEMENT table contains information regarding any legal agreements which are in place and their impact to site activity. The table also contains any penalties and their amount that may exist for a site. The FFID, SITE_ID, RSERVICE_CODE, and RSOURCE_CODE *must* exist in the SITE table before records can be added to this table.

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE, LA_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID, RSERVICE_CODE, RSOURCE_CODE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_SOURCE**

Foreign Key Columns: **RSOURCE_CODE**

Referenced Table: **REF_LEGAL_DRIVER**

Foreign Key Columns: **RLEGAL_DRIVER_CODE**

Referenced Table: **REF_IMPACT**

Foreign Key Columns: **RIMPACT_CODE**

Referenced Table: **REF_PENALTY**

Foreign Key Columns: **RPENALTY_CODE**

Referenced Table: **REF_CLEANUP_MILESTONE**

Foreign Key Columns: **RCLEANUP_MILESTONE_CODE**

SCHEMA: MY and EY

LEGAL_AGREEMENT Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See INSTALLATION table).
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site Identification. (See SITE table)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
LA_ID	NUMBER	PK	8	System (NOT NULL)	System generated number. Allows multiple Legal Driver Codes to be assigned to a site. System generated.
LA_PENALTY_AMOUNT	NUMBER		10	Required	The dollar amount of the penalty.
RLEGAL_DRIVER_CODE	VARCHAR2	FK	1	Required	Most significant applicable legal driver (the driver which most significantly impacts site activities) for the site. (See REF_LEGAL_DRIVER table for codes)
RIMPACT_CODE	VARCHAR2	FK	4	Required	Reason phase schedule is affected.
RPENALTY_CODE	VARCHAR2	FK	1	Required	Identifies the sites stipulated penalty status.
RCLEANUP_MILESTONE_CODE	VARCHAR2	FK	2	Required	The most recent milestone accomplished
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

RANGE Table

DESCRIPTION: The RANGE table

PRIMARY KEY:

Primary Key Columns: **FFID, RANGE_ID, RSERVICE_CODE, RSOURCE_CODE**

FOREIGN KEY:

Referenced Table: **INSTALLATION**

Foreign Key Columns: **FFID**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_BRAC_ROUND**

Foreign Key Columns: **RBRAC_ROUND**

Referenced Table: **REF_RANGE_STATUS**

Foreign Key Columns: **RANGE_STATUS**

Referenced Table: **REF_STATE**

Foreign Key Columns: **RSTATE_CODE**

Referenced Table: **REF_MAP_FILE_FORMAT**

Foreign Key Columns: **MAP_FILE_FORMAT**

SCHEMA: MY and EY

RANGE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See INSTALLATION table.)
RANGE_ID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Unique alpha-numeric identifier (separate from the FFID)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Derived (NOT NULL)	The year representing the BRAC round in which the installation was included. If the installation was not included in any one of the BRAC rounds, DERA is used. For installations included in multiple BRAC rounds, the first BRAC round is included. (see REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and Formerly Used Defense Sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
RANGE_NAME	VARCHAR2		50	Required	Range name (text entry).
RANGE_STATUS	VARCHAR2	FK	2	Required	Picklist: Closed, Transferring, Transferred, Other (see REF_RANGE_STATUS table)
RANGE_CITY	VARCHAR2		30	Required	Name of nearest city or town
RSTATE_CODE	VARCHAR2	FK	2	Required	Abbreviation of nearest State (see REF_STATE table)
RANGE_COUNTY	VARCHAR2		3	Required	Name of county where range is located
POC_NAME	VARCHAR2		50	Optional	Name of the Point of Contact (POC) for the range
POC_TELEPHONE	VARCHAR2		10	Optional	POC telephone number (10-digit)
POC_EMAIL	VARCHAR2		50	Optional	POC e-mail address
POC_ADDRESS1	VARCHAR2		60	Optional	POC address (primary)
POC_ADDRESS2	VARCHAR2		60	Optional	POC address (secondary)
POC_CITY	VARCHAR2		30	Optional	POC city or town
POC_STATE	VARCHAR2		2	Optional	Abbreviation of POC State
AREA_ACRES_TOTAL	NUMBER		10,2	Required	Number of total Range Acres
MMR_ACRES_IDENTIFIED	NUMBER		10,2	Required	Number of total Range Acres known to have Military Munitions
MMR_ACRES_SUSPECTED	NUMBER		10,2	Required	Number of total Range Acres suspected to have Military Munitions; this is a rollup from the site-level data (see MUNITIONS_AREA table)
MMR_ACRES_NOT_SUSPECTED	NUMBER		10,2	Required	Number of total Range Acres not suspected to have Military Munitions; this is a rollup from the site-level data (see MUNITIONS_AREA table)
MAP_FILE_FORMAT	VARCHAR2	FK	16	Optional	Indicates electronic map file format available (.PDF, .JPG, etc.) (see REF_MAP_FILE_FORMAT table)
RIP_RC_DATE	VARCHAR2		10	Calculated	Final RIP/RC date of all sites associated with the range (derived from the latest site RIP/RC date associated with the range)
RIPRC_FY	NUMBER		4	Calculated	Final RIP FY date of all sites associated with the range (derived from the latest site RIP date associated with the range)

RMIS Data Dictionary

Primary Tables

RC_FY	NUMBER		4	Calculated	Final RIP FY date of all sites associated with the range (derived from the latest site RIP date associated with the range)
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

PROGRESS_NARRATIVE Table

DESCRIPTION: The PROGRESS_NARRATIVE table contains summary descriptions regarding the actual and planned restoration activities at installations and the reason the scheduled activities may be affected. The following codes are used TECH - Technical, PERS - Personnel, FUND - Funding, CONT - Contracting and REG - Regulatory and the most appropriate reason, if any, identified for scheduled study, interim action, design or cleanup activities. The FFID and RSERVICE_CODE *must* exist in the INSTALLATION table before records can be added to this table.

PRIMARY KEY:

Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, PN_FISCAL_YEAR**

FOREIGN KEY:

Referenced Table: **INSTALLATION**

Foreign Key Columns: **FFID, RSERVICE_CODE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_SOURCE**

Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: MY and EY

PROGRESS_NARRATIVE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See INSTALLATION table.)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (See REF_SOURCE table)
PN_FISCAL_YEAR	NUMBER	PK	4	Required (NOT NULL)	Fiscal Year of progress for an Installation.
PN_PROGRESS_MADE	VARCHAR2		350	Required	Required under Superfund CERFA Section 120(3)(e)(5). A narrative description of the progress made during the current fiscal year. This narrative is used in the DERP annual report and should discuss the study and cleanup activities started, underway, or completed during the year in relationship to the prior year fiscal obligations at the sites.
PN_PROGRESS_PLANNED	VARCHAR2		350	Required	Required under Superfund CERFA Section 120(3)(e)(5). A narrative description of the progress planned for the next two fiscal years. This narrative should discuss study and cleanup activities planned for the current year and those budgeted for the following year.
SIMPACT	VARCHAR2		4	Required	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why study schedule is affected. Required under Superfund CERFA (section 120(3)(e)(1).
IIMPACT	VARCHAR2		4	Required	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why interim action schedule is affected. Required under Superfund CERFA (section 120(3)(e)(2).
DIMPACT	VARCHAR2		4	Required	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why design schedule is affected. Required under Superfund CERFA (section 120(3)(e)(2).
CIMPACT	VARCHAR2		4	Required	Set of codes (TECH, PERS, FUND, CONT, REG) Explanation why cleanup schedule is affected. Required under Superfund CERFA (section 120(3)(e)(3).
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

RAB Table

DESCRIPTION: The RAB (Restoration Advisory Board) table contains information about the establishment and the various types of activities associated with each RAB. (Includes Community Representation, Activity, Advice, or the reason why RAB establishment was attempted but not completed). The FFID and RSERVICE_CODE *must* exist in the INSTALLATION table before records can be added to this table.

PRIMARY KEY:

Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE,**

FOREIGN KEY:

Referenced Table: **INSTALLATION**

Foreign Key Columns: **FFID, RSERVICE_CODE**

Referenced Table: **REF_RAB_NOT_NEEDED**

Foreign Key Columns: **RAB_NOT_NEEDED_CODE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_SOURCE**

Foreign Key Columns: **RSOURCE_CODE**

SCHEMA: EY only

RAB Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See INSTALLATION table.)
RSERVICE_CODE	VARCHAR2	PK/FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK/FK	4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'. (see REF_SOURCE table)
RAB_DATE	NUMBER		6	Required	Date in which the restoration advisory board (RAB) was established at the installation (use YYYYMM format). A RAB is considered established when the community co-chair has been selected and the first meeting involving community members has been held.
RAB_EXPENDITURES	NUMBER		6	Required	Funds expended on RABs in the past FY. RAB expenses include those costs which are directly related to the operation of the RAB such as: RAB establishment, member selection costs, training, meeting announcements, meeting logistics, facilitators, preparation of meeting agendas, material, minutes, and documents reproduction for RAB members. Do not include general community involvement expenses such as preparation of fact sheets or other information materials for public distribution, mailing, or repository costs. Include contract support expenses but do not include salaries for DoD personnel.
RAB_TECHNICAL_ASSISTANCE_FUNDS	NUMBER		6	Required	Amount of independent technical assistance funds provided to communities for the FY being reported
RRAB_NOT_NEEDED_CODE	VARCHAR2	FK	1	Required	Code indicating the reason a RAB is not needed. Required unless codes for RAB activities, RAB advice or RAB community representation are provided. (See REF_RAB_NOT_NEEDED table)
RAB_ACT	VARCHAR2		9	Optional	All codes for RAB activities that may apply. (See ref_rab_activity for valid codes)
RAB_ADV	VARCHAR2		9	Optional	All codes that may apply for Advice provide by RAB. (See ref_rab_advice for valid codes)
RABCOMMREP	VARCHAR2		9	Optional	All codes for Community Representation that may apply for the RAB. (See ref_rab_community_rep for valid codes)
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.
FROM_SERV_OR_CHERYL_FLAG	VARCHAR2		1	Derived	Flag indicating whether data was received from the service or from Booz-Allen. Values are S and C.

RANGE_CLASSIFICATION Table

DESCRIPTION: The RANGE_CLASSIFICATION table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID, RANGE_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_BRAC_ROUND**

Foreign Key Columns: **RBRAC_ROUND**

SCHEMA: EY only

RANGE_CLASSIFICATION Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site identification. (see SITE table)
RANGE_ID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Unique alpha-numeric identifier (separate from the FFID.)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Derived (NOT NULL)	The year representing the BRAC round in which the installation was included. If the installation was not included in any one of the BRAC rounds, DERA is used. For installations included in multiple BRAC rounds, the first BRAC round is used. (see REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2		4	Required	This code identifies the program to which the installation primarily belongs. Active military installations and Formerly Used Defense Sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
TESTING	VARCHAR2		1	Required	Yes/No field
TRAINING	VARCHAR2		1	Required	Yes/No field
TREATMENT_OBOD_RCRA	VARCHAR2		1	Required	Yes/No field
DISPOSAL_RCRA	VARCHAR2		1	Required	Yes/No field
BUFFER_AREA	VARCHAR2		1	Required	Yes/No field
SMALL_ARMS_RANGE	VARCHAR2		1	Required	Yes/No field
SKEET_RANGE	VARCHAR2		1	Required	Yes/No field
WMM	VARCHAR2		1	Required	Yes/No flag indicating that the contaminant is waste military munitions
OTHER	VARCHAR2		1	Required	Yes/No field
OTHER_DESC	VARCHAR2		60	Required	Text description
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

LAND_USE_ACCESS_CONTROLS Table

DESCRIPTION: The LAND_USE_ACCESS_CONTROLS Table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_BRAC_ROUND**

Foreign Key Columns: **RBRAC_ROUND**

SCHEMA: EY only

LAND_USE_ACCESS_CONTROLS Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site identification. (see SITE table)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Derived (NOT NULL)	This code represents the round in which the installation was included in the BRAC program. For sites in the ER program, 'DERA' is used. (see REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2		4	Required (NOT NULL)	This code identifies whether the site is assigned to either the BRAC or DERA program.
NO_CONTROLS	VARCHAR2		1	Optional	Yes/No field
ACCESS_SIGNS	VARCHAR2		1	Optional	Yes/No field
FENCING	VARCHAR2		1	Optional	Yes/No field
LOCKED_GATES	VARCHAR2		1	Optional	Yes/No field
LOG_BOOK	VARCHAR2		1	Optional	Yes/No field
SECURITY_PATROL	VARCHAR2		1	Optional	Yes/No field
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

LAND_USE_RESTRICTIONS Table

DESCRIPTION: The LAND_USE_RESTRICTIONS Table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_BRAC_ROUND**

Foreign Key Columns: **RBRAC_ROUND**

SCHEMA: EY only

LAND_USE_RESTRICTIONS Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site identification. (see SITE table)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Derived (NOT NULL)	This code represents the round in which the installation was included in the BRAC program. For sites in the 'ER' program, DERA is used. (see REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2		4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
NO_PUBLIC_ACCESS	VARCHAR2		1	Required	Yes/No field
LIMITED_PUBLIC_ACCESS	VARCHAR2		1	Required	Yes/No field
RESTRICTED_PUBLIC_ACCESS	VARCHAR2		1	Required	Yes/No field
UNRESTRICTED_ACCESS	VARCHAR2		1	Required	Yes/No field
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

LAND_USE_INTEREST Table

DESCRIPTION: The LAND_USE_INTEREST Table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_BRAC_ROUND**

Foreign Key Columns: **RBRAC_ROUND**

SCHEMA: EY only

LAND_USE_INTEREST Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	13	Required d (NOT NULL)	Site identification. (see SITE table)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Derived (NOT NULL)	This code represents the round in which the installation was included in the BRAC program. For sites in the 'ER' program, DERA is used. (see REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2		4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
FEDERAL_AGENCY	VARCHAR2		1	Optional	Yes/No field
STATE_GOVERNMENT	VARCHAR2		1	Optional	Yes/No field
LOCAL_GOVERNMENT	VARCHAR2		1	Optional	Yes/No field
PUBLIC_SECTOR	VARCHAR2		1	Optional	Yes/No field
TRIBAL	VARCHAR2		1	Optional	Yes/No field
OTHER	VARCHAR2		1	Optional	Yes/No field
OTHER_DESC	VARCHAR2		60	Optional	Text description
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

PROPERTY_TRANSFER Table

DESCRIPTION: The PROPERTY_TRANSFER Table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

Referenced Table: **REF_BRAC_ROUND**

Foreign Key Columns: **RBRAC_ROUND**

SCHEMA: EY only

PROPERTY_TRANSFER Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site identification. (see SITE table)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight on the installation/property. (See REF_SERVICE table)
RBRAC_ROUND	VARCHAR2	FK	4	Derived (NOT NULL)	This code represents the round in which the installation was included in the BRAC program. For sites in the 'ER' program, DERA is used. (see REF_BRAC_ROUND table)
RSOURCE_CODE	VARCHAR2		4	Required (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
TRANSFER_FEDERAL	VARCHAR2		1	Optional	Yes/No field
TRANSFER_STATE	VARCHAR2		1	Optional	Yes/No field
TRANSFER_LOCAL	VARCHAR2		1	Optional	Yes/No field
TRANSFER_PRIVATE	VARCHAR2		1	Optional	Yes/No field
TRANSFER_TRIBAL	VARCHAR2		1	Optional	Yes/No field
LEASE_FEDERAL	VARCHAR2		1	Optional	Yes/No field
LEASE_STATE	VARCHAR2		1	Optional	Yes/No field
LEASE_LOCAL	VARCHAR2		1	Optional	Yes/No field
LEASE_PRIVATE	VARCHAR2		1	Optional	Yes/No field
LEASE_TRIBAL	VARCHAR2		1	Optional	Yes/No field
LEASE_TERMINATION	VARCHAR2		1	Optional	Yes/No field
REVOCATION_OF_LAND	VARCHAR2		1	Optional	Yes/No field
OTHER	VARCHAR2		1	Optional	Yes/No field
OTHER_DESC	VARCHAR2		60	Optional	Text description
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

REGULATORY_DRIVER Table

DESCRIPTION: The REGULATORY_DRIVER Table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_REGULATORY_DRIVER_CODE**

Foreign Key Columns: **REGULATORY_DRIVER_CODE**

SCHEMA: EY only

RAB Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site identification. (see SITE table)
REGULATORY_DRIVER_CODE	VARCHAR2	FK	2	Required	Picklist: CERCLA, RCRA, RCRA and CERCLA, MMR, Other, None. (see REF_REGULATORY_DRIVER table)
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

MUNITIONS_AREA Table

DESCRIPTION: The MUNITIONS_AREA Table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_SOIL_TYPE**

Foreign Key Columns: **SOIL_TYPE**

Referenced Table: **REF_TOPOGRAPHY**

Foreign Key Columns: **TOPOGRAPHY**

Referenced Table: **REF_VEGETATION**

Foreign Key Columns: **VEGETATION**

Referenced Table: **REF_MMR_EXPOSURE_NMBR_BLG**

Foreign Key Columns: **MMR_EXPOSURE_NMBR_BLG**

Referenced Table: **REF_MMR_EXPOSURE_STRUCTURE**

Foreign Key Columns: **MMR_EXPOSURE_STRUCTURE**

Referenced Table: **REF_MMR_EXPOSURE_LOCATION**

Foreign Key Columns: **MMR_EXPOSURE_LOCATION**

Referenced Table: **REF_MMR_SITE_DYNAMICS**

Foreign Key Columns: **MMR_SITE_DYNAMICS**

SCHEMA: EY only

RAB Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table.)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site identification. (see SITE table)
SOIL_TYPE	VARCHAR2	FK	2	Optional	Picklist values to include: Sand/Gravel-sand, Sand-silt/Sand-clay, Silt/Silty clay, Clay-sand/Clay-silt, Gravel/Gravel-sand, Clay/Sand with stone, Rock, Water range (see REF_SOIL_TYPE table)
TOPOGRAPHY	VARCHAR2	FK	2	Optional	Picklist values to include: Flat, Flat with gorges or gullies, Gently rolling, Heavily rolling, Mountainous, Rolling with gorges or gullies, Water range (see REF_TOPOGRAPHY table)
VEGETATION	VARCHAR2	FK	2	Optional	Picklist to include: Barren or low grass, Heavy grass and many shrubs, Heavy shrubs and trees, Low grass and few shrubs, Shrubs and some trees, Heavily wooded, Water range. (see REF_VEGETATION table)
DRINKING_WATER	VARCHAR2		1	Required	Picklist to include: Actual, potential, no potential, unknown
DEPTH_GRNDWTR_AVG	NUMBER		4	Optional	Average depth to groundwater
AREA_ACRES_TOTAL	NUMBER		10,2	Required	Number of total site acres
MMR_ACRES_IDENTIFIED	NUMBER		10,2	Required	Number of total site acres known to have MMR
MMR_ACRES_SUSPECTED	NUMBER		10,2	Required	Number of total site acres suspected to have MMR
MMR_ACRES_NOT_SUSPECTED	NUMBER		10,2	Required	Number of total site acres not suspected to have MMR
MMR_EXPOSURE_NMBR_BLG	VARCHAR2	FK	2	Optional	Number of Buildings/structures within a 2-mile exposure radius (see REF_MMR_EXPOSURE_NMBR_BLG table)
MMR_EXPOSURE_DISTANCE	NUMBER		4	Optional	Estimated distance from MMR to potential exposure (in feet)
MMR_EXPOSURE_STRUCTURE	VARCHAR2	FK	2	Optional	Picklist of building/structure types, values include: educational, child, care, residential, hospitals, hotels, shopping centers, commercial, industrial, warehouse, agricultural, detention, correctional, no buildings. (see REF_MMR_EXPOSURE_STRUCTURE table)
MMR_EXPOSURE_LOCATION	VARCHAR2	FK	2	Optional	Picklist from RAC criteria, values include: on the surface, within tanks, pipes, vessels, other, inside walls, ceilings, other building, subsurface (see REF_MMR_EXPOSURE_LOCATION table)
MMR_SITE_DYNAMICS	VARCHAR2	FK	2	Optional	Picklist from RAC criteria, values include: expected or none anticipated (see REF_MMR_SITE_DYNAMICS table)
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

MMR_ORDNANCE Table

DESCRIPTION: The MMR_ORDNANCE Table

PRIMARY KEY:

Primary Key Columns: **FFID, SITE_ID, ORDNANCE_TYPE**

FOREIGN KEY:

Referenced Table: **SITE**

Foreign Key Columns: **FFID, SITE_ID**

Referenced Table: **REF_CONSTITUENT_FLAG**

Foreign Key Columns: **CONSTITUENT_FLAG**

Referenced Table: **REF_DENSITY**

Foreign Key Columns: **DENSITY**

SCHEMA: EY only

RAB Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification Number. (See SITE table)
SITE_ID	VARCHAR2	PK/FK	13	Required (NOT NULL)	Site identification. (see SITE table)
ORDNANCE_TYPE	VARCHAR2	PK/FK	2	Required	Picklist values to include: Medium/large caliber (20mm and larger) Bombs, explosive Grenades, hand or rifle, explosive Landmine, explosive Rockets, guided missile, explosive Detonators, blasting caps, fuzes, boosters, bursters Bombs, practice (with spotting charges) Grenades, practice (with spotting charges) Landmine, practice (with spotting charges) Small arms, complete round (.22 cal- .50 cal) Small arms, expended Practice ordnance (without spotting charges) Munition (containers) containing White Phosphorus (WP) or other pyrophoric material (i.e., spontaneously flammable) Munition containing a flame or incendiary material (i.e., Napalm, Triethylaluminum metal incendiaries) Flares, signals, simulators, screening smokes (other than WP) Primary or initiating explosives Demolition charges Secondary explosives (PETN, Compositions A, B, C, Tetryl, TNT, RDX, HMX, HBX, Black Powder, etc.) Military dynamite Less sensitive explosives (Ammonium Nitrate, Explosive D, etc.) Solid or liquid propellants Toxic chemical agents (choking, nerve, blood, blister) War Gas Identification Sets Radiological ordnance (e.g., Depleted Uranium) Riot Control Agents (vomiting, tear) (see REF_ORDNANCE_TYPE table)
CONSTITUENT_FLAG	VARCHAR2		1	Required	Yes/No flag indicating that the contaminant is a chemical residue of munitions.
DENSITY	NUMBER	FK	16	Optional	Values include: High, Medium, Low (see REF_DENSITY table)
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

RMIS Reference Tables

REF_APPROPRIATION Table

DESCRIPTION: The REF_APPROPRIATION table stores valid Budget appropriation codes, corresponding appropriation descriptions and groups. These codes are used in the BUDGET table to identify the appropriation category funding used.

PRIMARY KEY:

Primary Key Column: **RAPPROPRIATION_CODE**

REF_APPROPRIATION Table				
Column Name	Data Type	PK/FK	Length	Description
RAPPROPRIATION_CODE	VARCHAR2	PK	6	This code represents a corresponding Appropriation action.
RAPPROPRIATION_DESC	VARCHAR2		40	This field contains the corresponding Appropriation description for each Appropriation code.
RAPPROPRIATION_GROUP	VARCHAR2		6	This six-character code represents the Appropriation code group.

REF_APPROPRIATION Table Values		
RAPPROPRIATION_CODE	RAPPROPRIATION_DESC	RAPPROPRIATION_GROUP
AMMO	Ammunition Procurement	PROC
APAF	Aircraft Procurement, Air Force	PROC
MILCON	Military Construction	MILCON
MPAF	Missile Procurement, Air Force	PROC
O&M	Operations & Maintenance	O&M
OPA	Other Procurement, Army	PROC
OPAF	Other Procurement, Air Force	PROC
OPN	Other Procurement, Navy	PROC
OTHER	Any other funding source	OTHER

REF_BRAC_ROUND Table

DESCRIPTION: The REF_BRAC_ROUND table contains valid BRAC Round codes and corresponding BRAC Round descriptions. The BRAC round code is used to identify the BRAC Round installations and sites are included. NOTE: DERA is included in the RBRAC_ROUND column is required and is used to indicate installations and sites which are not included in the BRAC program.

PRIMARY KEY:

Primary Key Columns: **RBRAC_ROUND_DESC**

REF_BRAC_ROUND Table				
Column Name	Data Type	PK/FK	Length	Description
RBRAC_ROUND_CODE	VARCHAR2		1	This code represents the BRAC Round.
RBRAC_ROUND_DESC	VARCHAR2	PK	4	This field contains the corresponding BRAC Round description for each BRAC Round code.

REF_BRAC_ROUND Table Values	
RBRAC_ROUND_DESC	RBRAC_ROUND_CODE
1988	1
1991	2
1993	3
1995	4
DERA	5
BRAC	6

REF_BRAC_TYPE Table

DESCRIPTION: The REF_BRAC_TYPE table contains valid BRAC Type codes and the corresponding BRAC Type descriptions.

PRIMARY KEY:

Primary Key Columns: **RBRAC_TYPE_CODE**

REF_BRAC_TYPE Table				
Column Name	Data Type	PK/FK	Length	Description
RBRAC_TYPE_CODE	VARCHAR2	PK	1	This code represents the BRAC Type.
RBRAC_TYPE_DESC	VARCHAR2		80	This field contains the corresponding BRAC Type description for each BRAC Type code.

REF_BRAC_TYPE Table Values	
RBRAC_TYPE_CODE	RBRAC_TYPE_DESC
C	Closure
M	Major Realignment with property to be transferred out of DoD
R	Realignment other than major

REF_BUDGET_CATEGORY Table

DESCRIPTION: The REF_BUDGET_CATEGORY table stores valid Budget Category codes and corresponding Budget Category descriptions. These codes represent the major categories found in budget submission exhibits.

PRIMARY KEY:

Primary Key Column: **RBUDGET_CATEGORY_CODE**

REF_BUDGET_CATEGORY Table				
Column Name	Data Type	PK/FK	Length	Description
RBUDGET_CATEGORY_CODE	VARCHAR2	PK	4	This code represents a Budget Category.
RBUDGET_CATEGORY_DESC	VARCHAR2		50	This field contains the corresponding Budget Category description for each Budget Category code.

REF_BUDGET_CATEGORY Table Values	
RBUDGET_CATEGORY_CODE	RBUDGET_CATEGORY_DESC
BDDR	Building Demolition and Debris Removal
IRP	Installation Restoration Program
OHW	Other Hazardous Waste (Unexploded Ordnance)

REF_BUDGET_RISK Table

DESCRIPTION: The REF_BUDGET_RISK table contains valid Budget Risk codes, corresponding Budget Risk descriptions, and Budget Risk group codes. The RBUDGET_RISK_GROUP corresponds to the categories in the REF_BUDGET_CATEGORY table.

PRIMARY KEY:

Primary Key Column: RBUDGET_RISK_CODE

REF_BUDGET_RISK Table				
Column Name	Data Type	PK/FK	Length	Description
RBUDGET_RISK_CODE	VARCHAR2	PK	2	This code represents the Budget Risk type.
RBUDGET_RISK_DESC	VARCHAR2		80	This field contains the corresponding Budget Risk code description for each Budget Risk code.
RBUDGET_RISK_GROUP	VARCHAR2		1	This field contains the Budget Risk group code.

REF_BUDGET_RISK Table Values		
RBUDGET_RISK_CODE	RBUDGET_RISK_DESC	RBUDGET_RISK_GROUP
1A	High Relative Risk with Agreements	I
1B	High Relative Risk without Agreements	I
2A	Medium Relative Risk with Agreements	I
2B	Medium Relative Risk without Agreements	I
3A	Low Relative Risk with Agreements	I
3B	Low Relative Risk without Agreements	I
4A	Not Evaluated Risk with Agreements	I
4B	Not Evaluated Risk without Agreements	I
5A	Long Term Operations	I
5B	Long Term Monitoring	I
A	Projects which pay back in 3 or less	O
B	Projects which pay back in 3 – 5 years	O
C	Demonstrations/Validation studies	O
D	Projects which pay back in over 5 years	O
E	Program Management, Manpower, and Training	O
F	Other	O
C1	Imminent Threats to Human Safety	I
C2	Possible Threats to Human Safety	I
C3	Marginal Threats to Human Safety	I
C4	Remote Threats to Human Safety	I
C5	FUDS OEW budget code	I
AB	Imminent threats to Human Safety, Health, or to the Environment	B
BB	Other	B
LT	UNKNOWN ARMY CODE	
NE	UNKNOWN DLA CODE	
NR	UNKNOWN ARMY CODE	
PR	Potentially Responsible Party	I
RA	Recovery Account	I
UN	UNKNOWN	

REF_CHF Table

DESCRIPTION: The REF_CHF table contains valid Contaminant Hazard Factor (CHF) codes and corresponding CHF descriptions.

PRIMARY KEY:

Primary Key Column: **RCHF_CODE**

REF_CHF Table				
Column Name	Data Type	PK/FK	Length	Description
RCHF_CODE	VARCHAR2	PK	1	This code represents CHF descriptions.
RCHF_DESC	VARCHAR2		20	This field contains the corresponding CHF descriptions for CHF codes.
RCHF_LONG_DESC	VARCHAR2		30	This field contains the CHF long descriptions.
FULL_DESCRIPTION	VARCHAR2		300	This field contains the full description for CHF.

REF_CHF Table Values			
RCHF_CODE	RCHF_DESC	RCHF_LONG_DESC	FULL_DESCRIPTION
1	Significant	Significant; TR > 100	Sum of ratios [maximum concentration/comparison value] > 100
2	Moderate	Moderate; TR in [2,100]	Sum of ratios [maximum concentration/comparison value] = 2 - 100
3	Minimal	Minimal; TR < 2	Sum of ratios [maximum concentration/comparison value] < 2
4	Not Evaluated	Not Evaluated (NE)	Not evaluated or no data provided.

REF_CLEANUP_MILESTONE Table

DESCRIPTION: The REF_CLEANUP_MILESTONE table contains valid Cleanup Milestone codes and corresponding Cleanup Milestone descriptions.

PRIMARY KEY:

Primary Key Column: **RCLEANUP_MILESTONE_CODE**

REF_CLEANUP_MILESTONE Table				
Column Name	Data Type	PK/FK	Length	Description
RCLEANUP_MILESTONE_CODE	VARCHAR2	PK	2	This character code represents Cleanup Milestone types.
RCLEANUP_MILESTONE_DESC	VARCHAR2		80	This field contains the corresponding Cleanup Milestone description for each Cleanup Milestone code.

REF_CLEANUP_MILESTONE Table Values	
RCLEANUP_MILESTONE_CODE	RCLEANUP_MILESTONE_DESC
1	Statement of Work
2	RI/FS Work Plan/Sampling and Analysis Plan
3	Community Relations Plan
4	Engineering Evaluation/Cost Analysis
5	Action Memorandum for a Removal Action
6	RI/RFI Report
7	FS/CMS Report
8	Proposed Plan
9	Record of Decision/Corrective Action Decision Document
10	60% Remedial Design
11	Final Remedial Design
12	Remedial Action Plan (Including O&M Plans and Remedial Action Schedules)
13	Treatability Studies
14	Begin Cleanup
15	Continue Cleanup
16	Complete Cleanup

REF_COMMAND Table

DESCRIPTION: The REF_COMMAND table stores valid Command codes, corresponding Command descriptions, and the Service code to which the MAJOR COMMAND belongs.

PRIMARY KEY:

Primary Key Columns: **RCOMMAND_CODE**, **RSERVICE_CODE**

FOREIGN KEY:

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

REF_COMMAND Table				
Column Name	Data Type	PK/FK	Length	Description
RCOMMAND_CODE	VARCHAR2	PK	7	This code is assigned to major subdivisions of a Component's mission and is directly subordinate to their respective headquarters.
RSERVICE_CODE	VARCHAR2	PK/FK	4	This code represents a corresponding Service.
RCOMMAND_DESC	VARCHAR2		60	This field contains the Command description for each Command code.

REF_COMMAND Table Values		
RCOMMAND_CODE	RSERVICE_CODE	RCOMMAND_DESC
CHES	1700	Engineering Field Activity Chesapeake Division
LANT	1700	Atlantic Division
NORTH	1700	Northern Division
NWEST	1700	Engineering Field Activity Northwest Division
PAC	1700	Pacific Division
SOUTH	1700	Southern Division
SWEST	1700	Southwestern Division
WEST	1700	Engineering Field Activity Western Division
AMC	2100	Army Material Command
ARNG	2100	Army National Guard
ATEC	2100	Army Test and Evaluation Command
COE	2100	U.S. Army Corps of Engineers
EUSA	2100	Eighth U.S. Army
FORSCOM	2100	U.S. Army Force Command
HQDA	2100	Headquarters, Department of Army
MDW	2100	Military District, Washington
MEDCOM	2100	U.S. Army Medical Command
MTMC	2100	Military Traffic Management Command
NG	2100	National Guard
OTHER	2100	Other
PEO	2100	Program Execution Office
SSDC	2100	Space & Strategic Defense Command
TRADOC	2100	U.S. Army Training and Doctrine Command
USACE	2100	US Army Corps of Engineers
USAR	2100	US Army Reserves
USARC	2100	U.S. Army Reserve Command
USARPAC	2100	U.S. Army Pacific Command
USMA	2100	US Military Academy
ACC	5700	Air Combat Command
ADW	5700	Air Force District Washington
AETC	5700	Air Education and Training Command
AFBCA	5700	Air Force Base Conversion Agency
AFCEE	5700	Air Force Center For Environmental Excellence
AFMC	5700	Air Force Materiel Command
AFRC	5700	Air Force Reserve Command
AFSOC	5700	Air Force Special Operations Command
AFSPC	5700	Air Force Space Command
AMC	5700	Air Mobility Command
ARNG	5700	Air National Guard
ILE	5700	Air Staff, Installation & Logistics/Environment
PACAF	5700	Pacific Air Forces
USAFA	5700	U.S. Air Force Academy
DTRA	9714	Defense Threat Reduction Agency
DDC	9715	Defense Distribution Center

REF_COMMAND Table Values		
RCOMMAND_CODE	RSERVICE_CODE	RCOMMAND_DESC
DESC	9715	Defense Electronics Supply Center(DESC)
DFSP	9715	Defense Fuel Support Points(DFSP)
DNSC	9715	Defense National Stockpile Center(DNSC)
DSCC	9715	Defense Supply Center-Columbus
DSCP	9715	Defense Supply Center-Philadelphia
DSCR	9715	Defense Supply Center-Richmond
LRD	9799	ADDED BY FUDS
NAD	9799	ADDED BY FUDS
NWD	9799	ADDED BY FUDS
OCD	9799	ADDED BY FUDS
POD	9799	ADDED BY FUDS
SAD	9799	ADDED BY FUDS
SPD	9799	ADDED BY FUDS
SWD	9799	ADDED BY FUDS

REF_CONCENTRATION_UNITS Table

DESCRIPTION: The REF_CONCENTRATION_UNITS table stores valid Unit codes and corresponding Units descriptions.

PRIMARY KEY:

Primary Key Columns: RCONC_UNITS_CODE

REF_CONCENTRATION_UNITS Table				
Column Name	Data Type	PK/FK	Length	Description
RCONC_UNITS_CODE	VARCHAR2	PK	2	This code represents Unit measurements.
RCONC_UNITS_DESC			20	This field contains the Unit description for each Unit code.

REF_CONCENTRATION_UNITS Table Values	
RCONC_UNITS_CODE	RCONC_UNITS_DESC
00	Not Documented
01	ug/l
02	mg/l
03	ug/kg
04	mg/kg
05	mRem/yr
06	pCi/g
07	ppm
08	ppb
09	ppt
10	Fibers/Liter
11	uRem/hr
12	pCi/m2/sec
13	lbs/day
14	Rem/yr
15	ng/l
16	ug/g
20	pCi/l
21	ug/m3
23	f/m3
24	ug/100cm2
25	g/kg
26	%
27	pCi/kg
28	pCi/m3
99	Other

REF_CONTAMINANT Table

DESCRIPTION: The REF_CONTAMINANT table contains the Chemical Abstract Service (CAS) number, CAS name, CAS Report names, Contaminant group codes and if the contaminant is defined in the list of contaminants in the RRSE Primer.

PRIMARY KEY:

Primary Key Column: RCONTAMINANT_CAS_NMBR

FOREIGN KEY:

Referenced Table: REF_CONTAMINANT_GROUP

Foreign Key Columns: RCONT_GROUP_CODE

REF_CONTAMINANT Table				
Column Name	Data Type	PK/FK	Length	Description
RCONTAMINANT_CAS_NMBR	VARCHAR2	PK	25	This field contains the Contaminant CAS number.
RCONTAMINANT_CAS_NAME	VARCHAR2		100	This field contains the Contaminant CAS name.
RCONTAMINANT_REPORT_NAME	VARCHAR2		40	This field contains the Contaminant CAS Report name.
RCONT_GROUP_CODE	VARCHAR2	FK	2	This field contains the Contaminant group code.

Please see Relative Risk Site Evaluation Primer for table values.

REF_CONTAMINANT_COMPARISON Table

DESCRIPTION: The REF_CONTAMINANT_COMPARISON table contains Contaminant Identification numbers, Media codes, Unit codes, and Contaminant values.

PRIMARY KEY:

Primary Key Column: RMEDIA_CODE, RCONTAMINANT_ID

REF_CONTAMINANT_COMPARISON Table					
Column Name	Data Type	PK/FK	Length	Source	Description
RMEDIA_CODE	VARCHAR2	PK	2		This field contains the Media code.
RCONTAMINANT_CAS_NMBR	VARCHAR2	PK	50		This field contains the Contaminant CAS Number.
RCONTAMINANT_CAS_NAME	VARCHAR2		150		This field contains the contaminant name
RCONT_VALUE	NUMBER		19,7		This field contains the Contaminant comparison value.
RCONC_UNITS_CODE	VARCHAR2		2		This field contains the Units code.

Please see Relative Risk Site Evaluation Primer for table values.

REF_CONTAMINANT_GROUP Table

DESCRIPTION: The REF_CONTAMINANT_GROUP table contains valid Contaminant Group codes and corresponding Contaminant Group code descriptions.

PRIMARY KEY:

Primary Key Column: RCONT_GROUP_CODE

REF_CONTAMINANT_GROUP Table				
Column Name	Data Type	PK/FK	Length	Description
RCONT_GROUP_CODE	VARCHAR2	PK	2	This code represents corresponding Contaminant Groups.
RCONT_GROUP_DESC	VARCHAR2		40	This field contains the corresponding Contaminant Group description for each Contaminant Group code.

REF_CONTAMINANT_GROUP Table Values	
RCONT_GROUP_CODE	RCONT_GROUP_DESC
00	No Group Identified
01	ACIDS
02	BASE NEUTRAL ACIDS
03	PAH
04	DIOXINS/DIBENZOFURANS
05	INORGANICS
06	METALS
07	NITRATE/NITRITE
08	NOT PROVIDED
09	ORGANICS
10	VOC
11	PESTICIDES
12	PETROLEUM HYDROCARBON
13	CARCINOGENS
14	CEMENT KILN DUST
15	DISSOLVED SOLIDS (TOTAL)
16	FLAMMABLES
17	RADIOACTIVE
18	LEACHATE
19	NITROAROMATICS
20	NON-CARCINOGENS
21	OIL & GREASE
22	ORGANIC & INORGANIC LIQUID SLUDGE
23	OXIDIZERS
24	PETROLEUM NAPTHAS
25	REACTIVES
26	UNKNOWN LIQ WASTE
27	PCBs

REF_CONTAMINANT_GROUP Table

DESCRIPTION: The REF_FIVE_YEAR_REVIEW table contains codes that identify five year review status.

PRIMARY KEY:

Primary Key Column: FIVE_YEAR_REVIEW

REF_FIVE_YEAR_REVIEW Table Values	
FIVE_YEAR_REVIEW	FIVE_YEAR_REVIEW_DESC
U	Five-year review underway
C	Five-year review completed
F	Five-year review planned for future

REF_ELIGIBILITY Table

DESCRIPTION: The REF_ELIGIBILITY table contains codes that identify funding eligibility status as described in tables 1, 2, and 3 of the DERP Management Guidance.

PRIMARY KEY:

Primary Key Column: **ELIGIBILITY**

REF_ELIGIBILITY Table Values	
ELIGIBILITY	ELIGIBILITY_DESC
01	Active: Installation Restoration program category activities at sites where the release occurred prior to October 17, 1986. ⁴
02	Active: Installation Restoration program category activities at sites where the release occurred between October 17, 1986, and September 30, 2000, and where the site was identified and included in the RMIS prior to September 30, 2000.
03	Active: Installation Restoration program category activities involving military munitions (i.e., UXO or WMM) or the chemical residues of munitions activities where: <ul style="list-style-type: none"> The release occurred prior to September 30, 2000; and The site release is not at a FUDS, operational range, active munitions demilitarization facility, or active WMM treatment or disposal unit; and The site was identified and included in the RMIS prior to September 30, 2000, and was not classified as "response complete."
04	Active: Military Munitions Response program category activities where: the release occurred prior to September 30, 2002; the release is not at a FUDS, operational range, active munitions demilitarization facility, or active WMM treatment or disposal unit that operated after September 30, 2002, and the site was not identified or included in the RMIS prior to September 30, 2000.
05	Active: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are an integral part of actions under the Installation Restoration or Military Munitions Response program categories
06	Active: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are not an integral part of actions under the Installation Restoration or Military Munitions Response program categories. Components must be granted approval by ODUSD(I&E) to before funds may be programmed.
07	BRAC: Installation Restoration program category activities at sites where the release occurred prior to October 17, 1986.
08	BRAC: Installation Restoration program category activities at sites where the release occurred between October 17, 1986, and September 30, 2000, and where the site was identified and included in the RMIS prior to September 30, 2000.
09	BRAC: Installation Restoration program category activities involving military munitions (i.e., UXO or WMM) or the chemical residues of munitions activities where: <ul style="list-style-type: none"> The release occurred prior to September 30, 2000; and The release is not at a FUDS, operational

⁴ October 17, 1986, is the effective date of SARA, the law that amended CERCLA and established DERP.

	<p>range, active munitions demilitarization facility, or active WMM treatment or disposal unit; and</p> <p>The site was identified and included in the RMIS prior to September 30, 2000, and was not classified as "response complete."</p>
10	<p>BRAC: Military Munitions Response program category activities where: the release occurred prior to September 30, 2002; the release is not at a FUDS, operational range, active munitions demilitarization facility, or active WMM treatment or disposal unit that operated after September 30, 2002, and the site was not identified or included in the RMIS prior to September 30, 2000.</p>
11	<p>BRAC: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are an integral part of actions under the Installation Restoration or Military Munitions Response program categories.</p>
12	<p>BRAC: Building Demolition/Debris Removal program category activities to address unsafe buildings or structures unused since October 17, 1986, where the activities are not an integral part of actions under the Installation Restoration or Military Munitions Response program categories. Components must be granted approval by ODUSD(I&E) to before funds may be programmed.</p>
13	<p>FUDS: Installation Restoration program category activities at sites where:</p> <ul style="list-style-type: none"> • The release occurred prior to October 17, 1986; and • The property was transferred from DoD control prior to October 17, 1986; and <p>The property or project meets other ER-FUDS eligibility criteria.</p>
14	<p>FUDS: Military Munitions Response program category activities where:</p> <ul style="list-style-type: none"> • The release occurred prior to October 17, 1986; and • The property was transferred from DoD control prior to October 17, 1986; and <p>The property or project meets other ER-FUDS eligibility criteria.</p>
15	<p>FUDS: Building Demolition/Debris Removal program category activities to address unsafe buildings or other structures:</p> <ul style="list-style-type: none"> • Unsafe buildings or structures unused since October 17, 1986, where: • The property was transferred from DoD's control prior to October 17, 1986; and • The property or project meets other ER-FUDS funding eligibility criteria; and <p>The requirement to demolish the building or structure is an integral part of activities under the Installation Restoration or Military Munitions Response program categories.</p>
16	<p>FUDS: Building Demolition/Debris Removal program category activities to address unsafe buildings or other structures:</p> <ul style="list-style-type: none"> • Unused since October 17, 1986, and • The property was transferred from DoD control prior to October 17, 1986; and • The property or project meets other ER-FUDS eligibility criteria; and • The unsafe condition was present when the property was transferred from DoD control; and <p>No subsequent owner of the property has made beneficial use of the building or structure.</p>

REF_IMPACT Table

DESCRIPTION: The REF_IMPACT table stores valid Impact codes and corresponding Impact descriptions.

PRIMARY KEY:

Primary Key Columns: **RIMPACT_CODE**

REF_IMPACT Table				
Column Name	Data Type	PK/FK	Length	Description
RIMPACT_CODE	VARCHAR2	PK	4	This code represents Impact types.
RIMPACT_DESC	VARCHAR2		20	This field contains the corresponding Impact description for each Impact code.

REF_IMPACT Table Values	
RIMPACT_CODE	RIMPACT_DESC
CONT	Contracting
FUND	Funding
PERS	Personnel
REG	Regulatory
TECH	Technical

REF_IRP_GROUP Table

DESCRIPTION: The REF_IRP_GROUP table contains valid IRP group codes and corresponding IRP group descriptions.

PRIMARY KEY:

Primary Key Columns: **RIRP_GROUP_CODE**

REF_IRP_GROUP Table				
Column Name	Data Type	PK/FK	Length	Description
RIRP_GROUP_CODE	VARCHAR2	PK	1	This code represents a corresponding IRP group type.
RIRP_GROUP_DESC	VARCHAR2		40	This field contains the corresponding IRP group description for each IRP group code.

REF_IRP_GROUP Table Values	
RIRP_GROUP_CODE	RIRP_GROUP_DESC
a	Program management and support
b	Hazardous and petroleum waste

REF_LEGAL_DRIVER Table

DESCRIPTION: The REF_LEGAL_DRIVER table contains valid Legal Driver codes and corresponding Legal Driver descriptions.

PRIMARY KEY:

Primary Key Column: RLEGAL_DRIVER_CODE

REF_LEGAL_DRIVER Table				
Column Name	Data Type	PK/FK	Length	Description
RLEGAL_DRIVER_CODE	VARCHAR2	PK	1	This code represents the Legal Driver.
RLEGAL_DRIVER_DESC	VARCHAR2		80	This field contains the corresponding Legal Driver description for each Legal Driver code.

REF_LEGAL_DRIVER Table Values	
RLEGAL_DRIVER_CODE	RLEGAL_DRIVER_DESC
A	FFA/IAG at NPL Sites
B	IAG at non-NPL Sites
C	RCRA Permits with Corrective Action
D	RCRA Corrective Action Orders
E	Consent Orders under State Laws
F	Memoranda of Understanding
G	Memoranda of Agreement commitments (e.g. DSMOA)
H	Notice of Violation Requirement
I	ATSDR related requirement (e.g. response to health advisory)
J	Natural Resource Trustee related requirements claim
K	Court ordered requirements (in case of litigation)
L	Imminent threats
M	Consent Decree (usually third party sites)
N	Unilateral Orders (usually third party sites)
O	Preliminary Assessments of Installations listed on Docket
P	Remedial Action Operations for in-place systems at installations without agreements
Q	State laws and regulation requiring a response within
R	Congressional/Owner Concern (FUDS only)
S	Building Demo/Debris Removal (FUDS only)
T	Ordnance and Explosive Waste RAC 1-2 (FUDS only)
U	Ordnance and Explosive Waste RAC 3-4 (FUDS only)
V	Long Term Monitoring after Response Complete
Z	No Legal Driver

REF_LUC_EC Table

DESCRIPTION: The REF_LUC_EC table contains valid land use controls (engineering controls) and corresponding descriptions.

PRIMARY KEY:

Primary Key Column: LUC_EC

REF_LUC_EC Table Values	
LUC_EC	LUC_EC_DESC
A	Air sparging to contain
B	Air sparging to treat
C	Alternative water supply
D	Cap-bark
E	Cap-bentonite
F	Cap-dirt
G	Cap-grass
H	Cap-gravel
I	Cap-other
J	City water
K	Fences
L	Guards
M	LTM
N	Signs
O	Other
P	Pump and treat to contain
Q	Pump and treat to treat
R	Slurry wall

REF_LUC_IC Table

DESCRIPTION: The REF_LUC_IC table contains valid land use controls (institutional controls) and corresponding descriptions.

PRIMARY KEY:

Primary Key Column: LUC_IC

REF_LUC_IC Table Values	
LUC_IC	LUC_IC_DESC
A	Administrative orders
B	Affirmative covenants
C	Affirmative easements appurtenant
D	Affirmative easements in gross
E	Construction permit
F	Dig permits
G	Education programs
H	Equitable servitude
I	Negative easements in gross
J	Notices
K	None
L	Restrictions on groundwater withdrawal
M	Restrictive covenants
N	Zoning and notations in master plan
O	Other

REF_MAP_FILE_FORMAT Table

DESCRIPTION: The REF_MAP_FILE_FORMAT table contains codes for identifying the file type of any existing electronic map file that shows the boundaries of the range.

PRIMARY KEY:

Primary Key Columns: MAP_FILE_FORMAT

REF_MAP_FILE_FORMAT Table Values	
MAP_FILE_FORMAT	REF_MAP_FILE_FOMRAT_DESC
1	PDF file
2	JPG file
3	TIFF file
4	GIF file
5	MS WORDE file
6	Power Point file
7	Other

REF_MEDIA Table

DESCRIPTION: The REF_MEDIA table contains valid Media type codes, corresponding Media descriptions, and Media group information.

PRIMARY KEY:

Primary Key Columns: **RMEDIA_CODE**

REF_MEDIA Table				
Column Name	Data Type	PK/FK	Length	Description
RMEDIA_CODE	VARCHAR2	PK	2	This code refers to Media types.
RMEDIA_DESC	VARCHAR2		20	This field contains Media descriptions.
RMEDIA_GROUP	VARCHAR2		20	This field contains Media group information.

REF_MEDIA Table Values		
RMEDIA_CODE	RMEDIA_DESC	RMEDIA_GROUP
GW	Groundwater	Groundwater
SE	Sed_Eco	Sediment
SF	Sed_Fresh	Sediment
SH	Sed_Human	Sediment
SL	Soil	Soil
SM	Sed_Marine	Sediment
SW	Surface Water	Surface Water
WE	SW_Eco	Surface Water
WF	SW_Fresh	Surface Water
WH	SW_Human	Surface Water
WM	SW_Marine	Surface Water

REF_MPF Table

DESCRIPTION: The REF_MPF table stores valid Migration Pathway Factor (MPF) codes and corresponding MPF descriptions.

PRIMARY KEY:

Primary Key Column: **RMPF_CODE**

REF_MPF Table				
Column Name	Data Type	PK/FK	Length	Description
RMPF_CODE	VARCHAR2	PK	1	This code represents the MPF.
RMPF_DESC	VARCHAR2		20	This field contains the corresponding MPF description for each MPF code.

REF_MPF Table Values		
RMPF_CODE	RMPF_DESC	Explanation
1	Evident	Analytical data or observable evidence that contamination in the media (GW is moving or has moved away) is present at, is moving toward, or has moved to a point of exposure .
2	Potential	Contamination in the media has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.
3	Confined	Information indicates a low potential for contaminant migration from the source to a potential point of exposure (could be due to presence of geological structures or physical controls)
4	Not Evaluated	Not Evaluated (NE)

REF_MMR_EXPOSURE_NMBR_BLG Table

DESCRIPTION: The REF_MMR_EXPOSURE_NMBR_BLG table contains codes for identifying the number of buildings/structures within a 2-mile exposure radius.

PRIMARY KEY:

Primary Key Columns: MMR_EXPOSURE_NMBR_BLG

REF_MMR_EXPOSURE_NMBR_BLG Table Values	
MMR_EXPOSURE_NMBR_BLG	MMR_EXPOSURE_NMBR_BLG_DESC
01	0 miles
02	1 to 5 miles
03	6 to 10 miles
04	11 to 15 miles
05	16 to 25 miles
06	26 miles and over

REF_MMR_EXPOSURE_STRUCTURE Table

DESCRIPTION: The REF_MMR_EXPOSURE_STRUCTURE table contains codes for identifying the types of buildings/structures.

PRIMARY KEY:

Primary Key Columns: MMR_EXPOSURE_STRUCTURE

REF_MMR_EXPOSURE_STRUCTURE Table Values	
MMR_EXPOSURE_STRUCTURE	MMR_EXPOSURE_STRUCTURE_DESC
01	Educational
02	Child care
03	Residential
04	Hospitals
05	Hotels
06	Shopping Centers
07	Commercial
08	Industrial
09	Warehouse
10	Agricultural
11	Detention
12	Correctional
13	No buildings

REF_MMR_EXPOSURE_LOCATION Table

DESCRIPTION: The REF_MMR_EXPOSURE_LOCATION table contains codes for identifying the types of location.

PRIMARY KEY:

Primary Key Columns: MMR_EXPOSURE_LOCATION

REF_MMR_EXPOSURE_LOCATION Table Values	
MMR_EXPOSURE_LOCATION	MMR_EXPOSURE_LOCATION_DESC
01	Surface
02	Within tanks
03	Pipes
04	Vessels
05	Other
06	Inside walls
07	Ceilings
08	Other Building
09	Subsurface

REF_MMR_SITE_DYNAMICS Table

DESCRIPTION: The REF_MMR_SITE_DYNAMICS table contains codes for identifying the site dynamics.

PRIMARY KEY:

Primary Key Columns: MMR_SITE_DYNAMICS

REF_MMR_SITE_DYNAMICS Table Values	
MMR_SITE_DYNAMICS	MMR_SITE_DYNAMICS_DESC
01	Expected
02	None anticipated

REF_NATURAL_CULTURAL Table

DESCRIPTION: The REF_NATURAL_CULTURAL table contains codes for corresponding natural and/or culturally sensitive impacts.

PRIMARY KEY:

Primary Key Column: NATURAL_CULTURAL_SENSITIVE

REF_NATURAL_CULTURAL Table Values	
NATURAL_CULTURAL_SENSITIVE	NATURAL_CULTURAL_SENSITIVE_DESC
1	Natural resource impacted
2	Cultural resource impacted
3	Environmentally sensitive area impacted

REF_NPL_STATUS Table

DESCRIPTION: The REF_NPL_STATUS table contains valid National Priority List (NPL) status codes and corresponding NPL descriptions.

PRIMARY KEY:

Primary Key Column: RNPL_STATUS_CODE

REF_NPL_STATUS Table				
Column Name	Data Type	PK/FK	Length	Description
RNPL_STATUS_CODE	VARCHAR2	PK	1	This code represents a corresponding National Priority List (NPL) status.
RNPL_STATUS_DESC	VARCHAR2		40	This field contains the NPL status description for each NPL status code.

REF_NPL_STATUS Table Values	
RNPL_STATUS_CODE	RNPL_STATUS_DESC
A	Site is Part of NPL Site
D	Deleted from the Final NPL
F	Currently on the Final NPL
L	ADDED BY FUDS
N	Not on the NPL
O	Not Valid Site or Incident
P	Proposed for NPL
R	Removed from Proposed NPL
S	Pre-proposal Site
Y	Currently on the Final NPL

REF_ORDNANCE_TYPE Table

DESCRIPTION: The REF_ORDNANCE_TYPE table contains valid codes for identifying the type of ordnance.

PRIMARY KEY:

Primary Key Column: **ORDNANCE_TYPE**

REF_ORDNANCE_TYPE Table Values	
ORDNANCE_TYPE	ORDNANCE_TYPE_DESC
01	Medium/Large Caliber (20mm and larger) bombs
02	Explosive grenades (hand or rifle)
03	Explosive landmine
04	Explosive rockets
05	Guided missile
06	Explosive detonators
07	Blasting caps
08	Practice grenades (with spotting charges)
09	Practice landmines (with spotting charges)
10	Small arms complete (.22-.50 cal)
11	Small arms, expended
12	Practice ordnance (without spotting charges)
13	White phosphorous
14	Incendiary material
15	Primary or initiating explosives
16	Demolition charges
17	Secondary explosives (PETN, Compositions A, B, C, Tetryl, TNT, RDX, HMX, HBX, Black Powder, etc.)
18	Military dynamite
19	Less sensitive explosives (AmmoniumNitrate, Explosives D, etc.)
20	Solid or liquid propellants
21	Toxic chemical agents (choking, nerve, blood, blister)
22	War gas identification sets
23	Radiological ordnance (e.g., depleted Uranium)
24	Riot control agents (vomiting, tear)

REF_PENALTY Table

DESCRIPTION: The REF_PENALTY table stores valid Penalty codes and corresponding Penalty descriptions.

PRIMARY KEY:

Primary Key Column: **RPENALTY_CODE**

REF_PENALTY Table				
Column Name	Data Type	PK/FK	Length	Description
RPENALTY_CODE	VARCHAR2	PK	1	This code represents Penalty types.
RPENALTY_DESC	VARCHAR2		40	This field contains the corresponding Penalty description for each Penalty code.

REF_PENALTY Table Values	
RPENALTY_CODE	RPENALTY_DESC
A	Stipulated penalties assessed
D	Stipulated penalties on dispute
N	Stipulated penalties not assessed

REF_PHASE Table

DESCRIPTION: The REF_PHASE table stores valid Phase codes, corresponding Phase descriptions, Phase group codes, and Sort codes.

PRIMARY KEY:

Primary Key Column: **RPHASE_CODE**

FOREIGN KEY:

Reference Table: **REF_PHASE_GROUP**

Foreign Key Column: **RPHASE_GROUP_CODE**

REF_PHASE Table				
Column Name	Data Type	PK/FK	Length	Description
RPHASE_CODE	VARCHAR2	PK	7	This code represents corresponding Phases.
RPHASE_DESC	VARCHAR2		80	This field contains the Phase code description for each Phase code.
RPHASE_GROUP_CODE	VARCHAR2	FK	1	This field contains the Phase group code.
RPHASE_SORT	NUMBER		2	This field contains the Sort code used for reporting purposes.
REF_PHASE_CAT	VARCHAR2		15	This field contains the Phase Category information.
BTABLE_CAT	VARCHAR2		4	This field contains the BTABLE Category
APPENDIX_A_CAT	VARCHAR2		15	This field contains the ARC Appendix A Category

REF_PHASE Table Values						
RPHASE_CODE	RPHASE_DESC	RPHASE_GROUP_CODE	RPHASE_SORT	REF_PHASE_CAT	BTABLE_CAT	APPENDIX_A_CAT
ATSDR	Agency for Toxic Substances and Disease Registry	J		Management		Management
BDDR	Building Demolition/Debris Removal	L	12	BDDR	4CLP	Cleanup
CAP	Corrective Action Plan	B	4	Analysis	1INV	Analysis
CMI	Corrective Measures Implementation	E		Cleanup		Cleanup
DSMOA	Defense and State Memorandum of Agreement	I		Management		Management
EE/CA	Engineering Evaluation/Cost Analysis	B	5	Analysis	1INV	Analysis
EPA	Environmental Protection Agency	Q		Management		Management
FINES	Fines	K		Management		Management
FRA	Interim Action	C	8	Cleanup		Final Action
IMP	IMP	P		Cleanup		Cleanup
IRA	Interim Remedial Action	C	7	Cleanup	2IRA	Interim Action
LTM	Long Term Monitoring	G	16	LTM	6LTM	Cleanup
LTO	Long Term Operations	F	13	LTO	5LTO	Cleanup
MGMT	Management	M		Management		Management
O&M	Operations and Maintenance	F	15	LTO/LTM	6LTM	Cleanup
OTHER	Other (Non-Phase Specific)	O		Management		Management
PA	Preliminary Assessment	A	1	Analysis	1INV	Analysis
PA/SI	Preliminary Assessment/Site Inspection	A	3	Analysis	1INV	Analysis
PN	Project Negotiation (FUDS only)	E	10	Cleanup	4CLP	Cleanup
PRP	Potentially Responsible Party	H		PRP	4CLP	Cleanup
RA	Remedial Action	E	11	Cleanup	4CLP	Cleanup
RA-C	Remedial Action - Construction	E	12	Cleanup	4CLP	Cleanup
RA-O	Remedial Action - Operations	F	14	LTO	5LTO	Cleanup
RAB	Restoration Advisory Board			Management		Management
RD	Remedial Design	D	9	Cleanup	3DES	Cleanup
RI/FS	Remedial Investigation/Feasibility Study	B	6	Analysis	1INV	Analysis

REF_PHASE Table Values						
RPHASE_CODE	RPHASE_DESC	RPHASE_GROUP_CODE	RPHASE_SORT	REF_PHASE_CAT	BTABLE_CAT	APPENDIX_A_CAT
SI	Site Inspection	A	2	Analysis	1INV	Analysis
Study	Investigation	A	1	Analysis	1INV	Analysis
TAPP	Added by FUDS			Management		Management
UXO	Unexploded Ordinance	R	17	UXO	1INV	Analysis
UXO-RI	Unexploded Ordinance Remedial Investigation	R	17	UXO		Analysis
WRKYR	Work Year	N		Management		Management

REF_PHASE_GROUP Table

DESCRIPTION: The REF_PHASE_GROUP table stores valid Phase group codes and corresponding Phase group descriptions.

PRIMARY KEY:

Primary Key Columns: RPHASE_GROUP_CODE

REF_PHASE_GROUP Table				
Column Name	Data Type	PK/FK	Length	Description
RPHASE_GROUP_CODE	VARCHAR2	PK	1	This code represents Phase group types.
RPHASE_GROUP_DESC	VARCHAR2		55	This field contains the corresponding Phase group descriptions for each Phase group code.

REF_PHASE_GROUP Table Values	
RPHASE_GROUP_CODE	RPHASE_GROUP_DESC
A	ASSESSMENTS
B	ANALYSIS/INVESTIGATION
C	INTERIM ACTIONS
D	REMEDIAL DESIGNS
E	REMEDIAL ACTION CONSTRUCTION
F	LONG TERM OPERATIONS
G	LONG TERM MONITORING
H	POTENTIALLY RESPONSIBLE PARTY
I	DEFENSE AND STATE MEMORANDUM OF AGREEMENT
J	AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY
K	FINES
L	BUILDING DEMOLITION/DEBRIS REMOVAL
M	MANAGEMENT
N	WORKYEAR
O	OTHER
P	IMP
Q	ENVIRONMENTAL PROTECTION AGENCY
R	UXO

REF_PHASE_STATUS Table

DESCRIPTION: The REF_PHASE_STATUS table contains valid Phase Status codes and corresponding Phase Status descriptions.

PRIMARY KEY:

Primary Key Columns: **RPHASE_STATUS_CODE**

REF_PHASE_STATUS Table				
Column Name	Data Type	PK/FK	Length	Description
RPHASE_STATUS_CODE	VARCHAR2	PK	1	This code represents the Phase Status.
RPHASE_STATUS_DESC	VARCHAR2		30	This field contains the corresponding Phase Status description for each Phase Status code.

REF_PHASE_STATUS Table Values	
RPHASE_STATUS_CODE	RPHASE_STATUS_DESC
C	Action Completed
F	Planned for Future Action
U	Underway

REF_RAB_ACTIVITY Table

DESCRIPTION: The REF_RAB_ACTIVITY table contains valid Restoration Advisory Board (RAB) Activity codes and corresponding RAB Activity descriptions.

PRIMARY KEY:

Primary Key Columns: **RRAB_ACTIVITY_CODE**

REF_RAB_ACTIVITY Table				
Column Name	Data Type	PK/FK	Length	Description
RRAB_ACTIVITY_CODE	VARCHAR2	PK	1	This code represents a corresponding RAB Activity.
RRAB_ACTIVITY_DESC	VARCHAR2		80	This field contains the RAB Activity description for each RAB Activity code.

REF_RAB_ACTIVITY Table Values	
RRAB_ACTIVITY_CODE	RRAB_ACTIVITY_DESC
A	Reviewed plans and technical documents
B	Provided comments or advice
C	Received training
D	Established operating procedures
E	Participated in or reviewed site relative risk evaluations
F	Provided advice that affected scope or schedule of studies/cleanup
G	Improved installation credibility
H	Established partnerships among stakeholders
I	Developed "how to" information or lessons learned

REF_RAB_ADVICE Table

DESCRIPTION: The REF_RAB_ADVICE table stores valid Restoration Advisory Board (RAB) Advice codes and corresponding RAB Advice descriptions.

PRIMARY KEY:

Primary Key Columns: RRAB_ADVICE_CODE

REF_RAB_ADVICE Table				
Column Name	Data Type	PK/FK	Length	Description
RRAB_ADVICE_CODE	VARCHAR2	PK	1	This code represents Restoration Advisory Board (RAB) Advice actions.
RRAB_ADVICE_DESC	VARCHAR2		30	This field contains the corresponding RAB Advice description for each RAB Advice code.

REF_RAB_ADVICE Table Values	
RRAB_ADVICE_CODE	RRAB_ADVICE_DESC
A	Scope of studies
B	Work plan priorities
C	Site priorities
D	Relative risk evaluation
E	Remedy selection
F	Study or cleanup schedule
G	Future land use
H	Other

REF_RAB_COMMUNITY_REP Table

DESCRIPTION: The REF_RAB_COMMUNITY_REP table stores valid Restoration Advisory Board (RAB) Community Representative codes and corresponding RAB Community Representative descriptions.

PRIMARY KEY:

Primary Key Column: RRAB_COMMUNITY_REP_CODE

REF_RAB_COMMUNITY_REP Table				
Column Name	Data Type	PK/FK	Length	Description
RRAB_COMMUNITY_REP_CODE	VARCHAR2	PK	1	This code represents Restoration Advisory Board Community Representative types.
RRAB_COMMUNITY_REP_DESC	VARCHAR2		40	This field contains the corresponding Restoration Advisory Board Representative descriptions for each RAB Community Representative type.

REF_RAB_COMMUNITY_REP Table Values	
RRAB_COMMUNITY_REP_CODE	RRAB_COMMUNITY_REP_DESC
A	Local residents/community members
B	Installation residents
C	Local environmental groups/activists
D	Business community
E	Low income and minority
F	Local government officials
G	Other

REF_RAB_NOT_NEEDED Table

DESCRIPTION: The REF_RAB_NOT_NEEDED table contains valid Restoration Advisory Board (RAB) not needed codes and corresponding RAB not needed descriptions.

PRIMARY KEY:

Primary Key Columns: **RRAB_NOT_NEEDED_CODE**

REF_RAB_NOT_NEEDED Table				
Column Name	Data Type	PK/FK	Length	Description
RRAB_NOT_NEEDED_CODE	VARCHAR2	PK	1	This code represents RAB not needed types.
RRAB_NOT_NEEDED_DESC	VARCHAR2		100	This field contains the corresponding RAB not needed description for each RAB not needed code.

REF_RAB_NOT_NEEDED Table Values	
RRAB_NOT_NEEDED_CODE	RRAB_NOT_NEEDED_DESC
A	Installation located in remote area, no affected community
B	Commander or other DoD Component official has determined that a RAB is not needed
C	No sufficient, sustained community interest in a RAB has been expressed by the community
D	Lack of outstanding cleanup issues or activities does not warrant establishment of a RAB
E	Installation or tenant activity is supported by another RAB
F	DoD does not have cleanup lead at site (e.g., FUDS)
G	Installation has not attempted to establish a RAB
H	TRC Operating (no RAB by choice)
Z	RAB Established

REF_RAC_CODE Table

DESCRIPTION: The REF_RAC_CODE table contains codes for valid RAC scores for UXO sites.

PRIMARY KEY:

Primary Key Columns: **RAC_CODE**

REF_RAC_CODE Table Values	
RAC_CODE	RAC_CODE_DESC
1	Imminent threats to human safety
2	Possible threats to human safety
3	Marginal threats to human safety
4	Remote threats to human safety
5	Not evaluated

REF_RANGE_STATUS Table

DESCRIPTION: The REF_RANGE_STATUS table contains codes for identifying the range status.

PRIMARY KEY:

Primary Key Columns: **RANGE_STATUS**

REF_RANGE_STATUS Table Values	
RANGE_STATUS	RANGE_STATUS_DESC
1	Closed
2	Transferring
3	Transferred
4	Other

REF_REGULATORY_DRIVER Table

DESCRIPTION: The REF_REGULATORY_DRIVER table contains codes for identifying the regulatory driver.

PRIMARY KEY:

Primary Key Columns: **REGULATORY_DRIVER_CODE**

REF_REGULATORY_DRIVER Table Values	
REGULATORY_DRIVER_CODE	REGULATORY_DRIVER_DESC
1	CERCLA
2	RCRA
3	MMR
4	Other
5	None

REF_RELATIVE_RISK Table

DESCRIPTION: The REF_RELATIVE_RISK table contains valid Relative Risk codes, corresponding Relative Risk descriptions, and Sort codes.

PRIMARY KEY:

Primary Key Column: **RRELATIVE_RISK_CODE**

REF_RELATIVE_RISK Table				
Column Name	Data Type	PK/FK	Length	Description
RRELATIVE_RISK_CODE	VARCHAR2	PK	1	This code represents a corresponding Relative Risk.
RRELATIVE_RISK_DESC	VARCHAR2		30	This field contains the Relative Risk description for each Relative Risk code.
RRELATIVE_RISK_SORT	VARCHAR2		1	This field contains a Relative Risk Sort code used for reporting purposes.
RRELATIVE_RISK_VALUE	VARCHAR2		2	This field contains a Relative Risk Value.

REF_RELATIVE_RISK Table Values			
RRELATIVE_RISK_CODE	RRELATIVE_RISK_DESC	RRELATIVE_RISK_SORT	RRELATIVE_RISK_VALUE
H	High	1	
L	Low	3	
M	Medium	2	
N	Not Evaluated	4	
R	Not Required	5	
Z	Response Complete	6	

REF_REMEDY_TYPE Table

DESCRIPTION: The REF_REMEDY_TYPE table contains valid Remedy Type codes and corresponding Remedy Type descriptions.

PRIMARY KEY:

Primary Key Column: RREMEDY_TYPE_CODE

REF_REMEDY_TYPE Table				
Column Name	Data Type	PK/FK	Length	Description
RREMEDY_TYPE_CODE	VARCHAR2	PK	3	This field contains the Remedy Type code.
RREMEDY_TYPE_DESC	VARCHAR2		50	This field contains the corresponding Remedy Type description for each Remedy Type code.

REF_REMEDY_TYPE Table Values			
RREMEDY_TYPE_CODE	RREMEDY_TYPE_DESC	RREMEDY_TYPE_CODE	RREMEDY_TYPE_DESC
A0	INSTITUTIONAL CONTROLS	I0	CONTAINMENT
A1	FENCE OR OTHER SITE ACCESS CONTROL MEASURES	I1	CAPPING
B1	DRAINAGE CONTROLS	I2	SLURRY WALLS/UNDERGROUND BARRIERS
C1	ALTERNATE WATER SUPPLY/WATER SUPPLY TREATME	I3	FUGITIVE DUST COVER/CONTROL
D1	INCINERATION	J1	WASTE REMOVAL - DRUMS,TANKS,BULK CONTAINERS
E0	REMOVAL	K1	SOIL VAPOR TREATMENT
E1	WASTE REMOVAL - SOILS	L1	OTHER
F1	GROUND WATER TREATMENT	M1	IN SITU SOIL TREATMENT
F3	NATURAL ATTENUATION	M11	SOIL VAPOR EXTRACTION
F11	BIOREMEDIATION - IN SITU GROUNDWATER	M12	SOIL FLUSHING
F12	DUAL-PHASE EXTRACTION	M13	VITRIFICATION
F13	FREE PRODUCT RECOVERY	M14	THERMALLY ENHANCED SVE
F14	AIR SPARGING	M15	PNEUMATIC FRACTURING (ENHANCEMENT)
F15	HOT WATER/STEAM FLUSHING	N1	EX SITU SOIL TREATMENT
F16	PASSIVE TREATMENT WELLS	N11	SOLIDIFICATION/STABILIZATION
F17	HYDROFRACTURING (ENHANCEMENT)	N12	THERMAL DESORPTION
F18	BIOREACTORS (EX SITU)	N13	CHEMICAL REDUCTION/OXIDATION
F19	AIR STRIPPING	N14	DEHALOGENATION
F20	CARBON ADSORPTION	N15	SOIL WASHING
F21	UV OXIDATION	N16	ACID EXTRACTION
G1	LONG-TERM MONITORING	N17	SOLVENT EXTRACTION
H1	BIOREMEDIATION	N18	INCINERATION
H11	BIOVENTING	P1	ALTERNATE HABITAT
H12	BIOREMEDIATION - IN SITU	Q1	WASTE REMOVAL - LIQUIDS
H13	SLURRY-PHASE BIOREMEDIATION	R1	WASTE REMOVAL - SLUDGES
H14	CONTROLLED SOLID-PHASE BIOREMEDIATION	S1	WASTE REMOVAL - SOLIDS (NON-SOIL)
H15	LANDFARMING	ZZ	DUMMY VALUE ADDED BY NAVY
H16	COMPOSTING		

REF_RF Table

DESCRIPTION: The REF_RECEPTOR_FACTOR table contains valid Receptor Factor codes and corresponding Receptor Factor descriptions.

PRIMARY KEY:

Primary Key Columns: **RRF_CODE**

REF_RF Table				
Column Name	Data Type	PK/FK	Length	Description
RRF_CODE	VARCHAR2	PK	1	This code represents the Receptor Factor.
RRF_DESC	VARCHAR2		20	This field contains the corresponding Receptor Factor description for each Receptor Factor code.

REF_RF Table Values		
RCHF_CODE	RCHF_DESC	FULL_DESCRIPTION
1	Identified	Identified
2	Potential	Potential
3	Limited	Limited
4	Not Evaluated	Not Evaluated (NE)

REF_SERVICE Table

DESCRIPTION: The REF_SERVICE table stores valid Service codes, corresponding Service descriptions, Service abbreviations, and Sort codes.

PRIMARY KEY:

Primary Key Column: **RSERVICE_CODE**

REF_SERVICE Table				
Column Name	Data Type	PK/FK	Length	Description
RSERVICE_CODE	VARCHAR2	PK	4	This code represents the Service or agency that has primary responsibility for an installation or site.
RSERVICE_DESC	VARCHAR2		50	This field contains the corresponding Service description for each Service code.
RSERVICE_ABBREV	VARCHAR2		10	This field contains the Service abbreviation.
RSERVICE_SORT	NUMBER		1	This field contains the Service Sort Order that is used for reporting purposes.

REF_SERVICE Table Values			
RSERVICE_CODE	RSERVICE_DESC	RSERVICE_ABBREV	RSERVICE_SORT
1700	NAVY	NAVY	2
1730	MARINE CORPS	MC	
2100	ARMY	ARMY	1
5700	AIR FORCE	AF	3
9600	U.S. ARMY CORPS OF ENGINEERS	USACOE	
9700	DEPARTMENT OF DEFENSE	DOD	
9705	NATIONAL SECURITY OFFICE	NSO	
9712	DEFENSE AUDIT SERVICE	DAS	
9714	DEFENSE THREAT REDUCTION AGENCY	DTRA	5
9715	DEFENSE LOGISTICS AGENCY	DLA	4
9716	DEFENSE MAPPING AGENCY	DMA	
9717	DEFENSE INTELLIGENCE AGENCY	DIA	
9718	DEFENSE INVESTIGATIVE SERVICE	DIS	
9721	DEFENSE COMMUNICATIONS AGENCY	DCA	
9722	DEFENSE CONTRACT AUDIT AGENCY	DCAA	
9799	FORMERLY USED DEFENSE SITES	FUDS	6
ATSD	AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY	ATSDR	
DSMO	DEFENSE AND STATE MEMORANDUM OF AGREEMENT	DSMO	
DUSD	DEPUTY UNDER SECRETARY OF DEFENSE	DUSD	
OSD	OFFICE OF THE SECRETARY OF DEFENSE	OSD	

REF_SITE_CAT Table

DESCRIPTION: The REF_SITE_CAT table contains valid Site Type Categories for the REF_SITE_TYPE table.

PRIMARY KEY:

Primary Key Columns: **RSITE_TYPE_CAT_CODE**

REF_SITE_CAT Table				
Column Name	Data Type	PK/FK	Length	Description
RSITE_TYPE_CAT_CODE	VARCHAR2	PK	2	This code represents valid site type categories.
RSITE_TYPE_CAT_DESC	VARCHAR2		50	This field contains the corresponding description for each site type category.

REF_SITE_CAT Table Values	
RSITE_TYPE_CAT_CODE	RSITE_TYPE_CAT_DESC
A	Base Operations/Engineered Structures
B	Storage Tanks
C	Industrial Operations
D	Training Areas
E	Radioactive Areas
F	Surface Discharge Areas
G	Subsurface Disposal Area
H	Contaminated Media
Z	Other

REF_SITE_TYPE Table

DESCRIPTION: The REF_SITE_TYPE table contains valid Site Type codes, corresponding Site Type descriptions, and Sort codes.

PRIMARY KEY:

Primary Key Column: **RSITE_TYPE_CODE**

FOREIGN KEY:

Referenced Table: **REF_SITE_CAT**

Foreign Key Columns: **RSITE_TYPE_CAT_CODE**

REF_SITE_TYPE Table				
Column Name	Data Type	PK/FK	Length	Description
RSITE_TYPE_CODE	VARCHAR2	PK	2	This code represents a corresponding Site Type.
RSITE_TYPE_DESC	VARCHAR2		50	This field contains the Site Type description for each Site Type code.
RSORT_CODE	VARCHAR2		2	This field contains a Sort code used for reporting purposes.
RSITE_TYPE_CAT_CODE	VARCHAR2	FK	2	This field contains a Site Type Category Code used to reference the REF_SITE_CAT table.

REF_SITE_TYPE Table Values			
RSITE_TYPE_CODE	RSITE_TYPE_DESC	RSORT_CODE	RSITE_TYPE_CAT_CODE
AB	Burn Area	4	D
AT	Fire/Crash Training Area	4	D
CB	Contaminated Buildings	1	A
CD	Contaminated Soil Piles	8	H
CF	Contaminated Fill	8	H
CG	Contaminated Ground Water	8	H
CS	Contaminated Sediments	8	H
DA	Surface Disposal Area	6	F
DB	Building Demolition/Debris Removal	1	A

REF_SITE_TYPE Table Values			
RSITE_TYPE_CODE	RSITE_TYPE_DESC	RSORT_CODE	RSITE_TYPE_CAT_CODE
DC	Chemical Disposal	7	G
DD	Drainage Ditch	6	F
DP	Disposal Pit and Dry Well	7	G
DT	Dip Tank	1	A
EP	Sewage Effluent Settling Ponds	6	F
FL	Leach Field	7	G
FR	Firing Range	4	D
ID	Industrial Discharge	6	F
IN	Incinerator	1	A
L	DUMMY VALUE (ADDED BY NAVY)	9	Z
LF	Landfill	7	G
MY	Maintenance Yard	1	A
OS	Optical Shop	3	C
OW	Oil/Water Separator	1	A
PL	POL (Petroleum/Oil/Lubricants) Lines	2	B
PR	Pistol Range	4	D
PS	Pesticide Shop	3	C
RS	Surface Runoff	6	F
RW	Washrack	1	A
S	DUMMY VALUE (ADDED BY NAVY)	9	Z
SA	Storage Area	1	A
SD	Storm Drain	6	F
SI	Surface Impoundment/Lagoon	6	F
SO	Soil Contamination After Tank Removal	8	H
SP	Plating Shop	3	C
SR	Small Arms Range	4	D
SS	Spill Site Area	6	F
ST	Sewage Treatment Plant	3	C
T	DUMMY VALUE (ADDED BY NAVY)	9	Z
TA	Above Ground Storage Tank	2	B
TT	Underground Tank Farm	2	B
TU	Underground Storage Tanks	2	B
WL	Waste Lines	3	C
WM	Mixed Waste Area	5	E
WR	Radioactive Waste Area	5	E
WT	Waste Treatment Plant	3	C
X	DUMMY VALUE (ADDED BY NAVY)	9	Z
XE	Explosive Ordnance Disposal Area	4	D
XU	Unexploded Munitions and Ordnance Area	4	D
ZZ	Other	9	Z

REF_SOURCE Table

DESCRIPTION: The REF_SOURCE table contains valid Source codes and corresponding Source descriptions.

PRIMARY KEY:

Primary Key Column: **RSOURCE_CODE**

REF_SOURCE Table				
Column Name	Data Type	PK/FK	Length	Description
RSOURCE_CODE	VARCHAR2	PK	4	This code represents the funding Source.
RSOURCE_DESC	VARCHAR2		50	This field contains the corresponding Source description for each Source code.

REF_SOURCE Table Values	
RSOURCE_CODE	RSOURCE_DESC
BRAC	Base Realignment and Closure Program
DERA	Defense Environmental Restoration Account

REF_SOIL_TYPE Table

DESCRIPTION: The REF_SOIL_TYPE table contains valid soil type descriptions.

PRIMARY KEY:

Primary Key Column: SOIL_TYPE

REF_SOIL_TYPE Table Values	
SOIL_TYPE	SOIL_TYPE_DESC
01	Sand/Gravel-sand
02	Sand-silt/Sand-clay
03	Silt/Silt-clay
04	Clay-sand/Clay-silt
05	Gravel/Gravel-sand
06	Clay/Sand with stone
07	Rock
08	Water
09	Other
10	Unknown

REF_STATE Table

DESCRIPTION: The REF_STATE table stores valid two character state codes and corresponding full state names. Two character EPA region codes are also stored in this table.

PRIMARY KEY:

Primary Key Column: RSTATE_CODE

REF_STATE Table				
Column Name	Data Type	PK/FK	Length	Description
RSTATE_CODE	VARCHAR2	PK	2	The abbreviation of the state or territory where the installation is located.
RSTATE_NAME	VARCHAR2		20	This field contains the full name of the state or territory where the installation is located.
RREGION_CODE	VARCHAR2		2	This code represents the EPA region where the installation is located.
RSTATE_NMBR	VARCHAR2		2	This is a numeric abbreviation of the state or territory.

REF_STATE Table Values							
RSTATE_CODE	RSTATE_NAME	RREGION_CODE	RSTATE_NMBR	RSTATE_CODE	RSTATE_NAME	RREGION_CODE	RSTATE_NMBR
AK	Alaska	10	01	NC	North Carolina	04	37
AL	Alabama	04	02	ND	North Dakota	08	38
AR	Arkansas	06	60	NE	Nebraska	07	31
AS	American Samoa	09	04	NH	New Hampshire	01	33
AZ	Arizona	09	05	NJ	New Jersey	02	34
CA	California	09	06	NM	New Mexico	06	35
CN	Mariana Islands	09	69	NN	Navajo Nation		
CO	Colorado	08	08	NV	Nevada	09	32
CT	Connecticut	01	09	NY	New York	02	36
DC	District of Columbia	03	11	OH	Ohio	05	39
DE	Delaware	03	10	OK	Oklahoma	06	40
FL	Florida	04	12	OR	Oregon	10	41
GA	Georgia	04	13	PA	Pennsylvania	03	42
GM	Guam	09	66	PI	Pacific Islands	09	
GU	Guam	09	66	PR	Puerto Rico	02	72
HI	Hawaii	09	15	PS	Palau	09	70
IA	Iowa	07	19	PT	Palau	09	70
ID	Idaho	10	16	RI	Rhode Island	01	44
IL	Illinois	05	17	SC	South Carolina	04	45
IN	Indiana	05	18	SD	South Dakota	08	46
JQ	Johnston Atoll	09	74	TN	Tennessee	04	47
KS	Kansas	07	20	TT	Trust Territ.	09	
KY	Kentucky	04	21	TX	Texas	06	48
LA	Louisiana	06	22	UT	Utah	08	49
MA	Massachusetts	01	25	VA	Virginia	03	51
MD	Maryland	03	24	VI	Virgin Islands	02	78
ME	Maine	01	23	VR	Various States		
MH	Majuro	09		VT	Vermont	01	50
MI	Michigan	05	26	WA	Washington	10	53
MN	Minnesota	05	27	WI	Wisconsin	05	55
MO	Missouri	07	29	WQ	Wake Island	09	74
MQ	Midway	09	74	WV	West Virginia	03	54
MS	Mississippi	04	28	WY	Wyoming	08	56
MT	Montana	08	30				

REF_TOPOGRAPHY Table

DESCRIPTION: The REF_TOPOGRAPHY table contains valid topography type descriptions.

PRIMARY KEY:

Primary Key Column: **TOPOGRAPHY**

REF_TOPOGRAPHY Table Values	
TOPOGRAPHY	TOPOGRAPHY_DESC
01	Flat
02	Flat with gorges or gullies
03	Gently rolling
04	Heavily rolling
05	Mountainous
06	Rolling with gorges or gullies
07	Water
08	Other
09	Unknown

REF_VEGETATION Table

DESCRIPTION: The REF_VEGETATION table contains valid vegetation type descriptions.

PRIMARY KEY:

Primary Key Column: **VEGETATION**

REF_VEGETATION Table Values	
VEGETATION	VEGETATION_DESC
01	Barren or low grass
02	Heavy grass and many shrubs
03	Heavy shrubs and tress
04	Low grass and few shrubs
05	Shrubs and some trees
06	Heavily wooded
07	Water
08	Other
09	Unknown

BCP Abstract Tables

BCP_INSTALLATION Table

DESCRIPTION: The BCP_INSTALLATION table contains the majority of the BCP Abstract information, including acreage and all relevant dates regarding the BCP abstract. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* be defined in the INSTALLATION table in order for a record to be added to this table. The Installation Name and Location fields will be as stored in the INSTALLATION table and data from the BCP abstract will only update the installation name and location fields in the INSTALLATION table where no data exists.

*Note. The BCP Fld in the BCP_INSTALLATION table description is not part of the BCP_INSTALLATION table design. This column is for easy reference to the BCP Abstract format and the number corresponds to the field number in the abstract template. (See BCP Abstract template.)

PRIMARY KEY:

Primary Key Columns: FFID, RSERVICE_CODE, RSOURCE_CODE

FOREIGN KEY:

Referenced Table: INSTALLATION

Foreign Key Columns: FFID

Referenced Table: REF_BRAC_ROUND

Foreign Key Columns: RBRAC_ROUND

Referenced Table: REF_BRAC_TYPE

Foreign Key Columns: RBRAC_TYPE, RBRAC_TYPE2

Referenced Table: REF_SERVICE

Foreign Key Columns: RSERVICE_CODE

Referenced Table: REF_REUSE_STATUS

Foreign Key Columns: REUSE_STATUS

Referenced Table: REF_SOURCE

Foreign Key Columns: RSOURCE_CODE

BCP_INSTALLATION Table						
Column Name	Data Type	PK/FK	Length	Input	Description	BCP Fld*
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. (see INSTALLATION table)	2
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)	
RSOURCE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.	
PREPARED_DATE	NUMBER		6	Required	Date the abstract was prepared (YYYYMM).	4
RBRAC_ROUND	VARCHAR2	FK	4	Required	BRAC round as indicated in the installation table.	5
RBRAC_TYPE	VARCHAR2	FK	1	Required	Type of BRAC activity at installation.	6
RBRAC_ROUND2	VARCHAR2		4	Optional	2 nd BRAC round as indicated in the installation table. (REQUIRED for installations which are part of second BRAC ROUND)	5
RBRAC_TYPE2	VARCHAR2	FK	1	Optional	Type of 2 nd BRAC activity at installation. (REQUIRED for installations where BRAC action directed in a later BRAC ROUND)	6
SCHED_CLOSURE_DATE	NUMBER		6	Required	Date the final closure or realignment mission is scheduled to cease on the property (YYYYMM). (NULL/BLANK if ACT_CLOSURE_DATE is provided)	7
ACT_CLOSURE_DATE	NUMBER		6	Required	Date the final closure or realignment mission is actually ceased on the property (YYYYMM).	8
TOTAL_ACRES_QUANTITY	NUMBER		10,2	Required	Total acres on the installations real property records prior to BRAC action.	9
ACRES_RETAINED	NUMBER		10,2	Required	Total number of acres that will be retained by the component after closure or realignment.	10
ACRES_TRANS_OTH_SERVICE	NUMBER		10,2	Required	Total number of acres that will be transferred to another DoD component.	11
ACRES_PLAN_FED	NUMBER		10,2	Required	Total number of acres that will be transferred to other federal entities.	12
ACRES_PLAN_NON_FED	NUMBER		10,2	Required	Total number of acres that will be transferred to non-federal facilities.	13

RMIS Data Dictionary
BCP Abstract Tables

BCP_INSTALLATION Table						
Column Name	Data Type	PK/FK	Length	Input	Description	BCP Fld*
EBS_SUBMITTED_DATE	NUMBER		6	Required	Year and month the base-wide Environmental Baseline Survey(EBS) was completed and also submitted to regulatory agencies.	14
CERFA_PROPOSED_ACRES	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that DoD proposed to regulatory agencies to be classified as CERFA uncontaminated.	15
CERFA_CONCUR_ACRES	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD for which EPA or state regulatory concurrence on CERFA-uncontaminated parcel determination was received by the end of the 18 th month concurrence deadline.	16
EBS_CONCUR_DATE	NUMBER		6	Required	Year and month which the regulatory agencies concur with the base-wide EBS(YYYYMM).	17
BCT_EST_DATE	NUMBER		6	Required	The month and year(YYYYMM) in which the BRAC Cleanup Team(BCT) was formed. The BCT is considered to be formed when all the members have been appointed, including a DoD BRAC environmental coordinator (BEC), a member from the U.S. Environmental Protection Agency(EPA), and a member from the state regulatory agency.	18
BCP_VERSN1_DATE	NUMBER		6	Required	The month and year(YYYYMM) in which the first version of the BRAC Cleanup Plan(BCP) was completed; or, if the BCP is required but not yet completed, indicates the month and year the BCP is estimated to be completed.	19
BCP_CURR_VER_DATE	NUMBER		6	Required	The month and year(YYYYMM) in which the current version of the BRAC Cleanup Plan(BCP) was completed.	20
RAB_EST_DATE	NUMBER		6	Required	The month and year(YYYYMM) the Restoration Advisory Board(RAB) was established at the current installation. This should be the date the community co-chair has been selected and the first meeting involving the community members was held.	21
FOSLS_ACRE_FED	NUMBER		10,2	Required	Indicates the total number of acres leased to federal entities by end of FY.	22
FOSLS_ACRE_NON_FED	NUMBER		10,2	Required	Indicates the total number of acres leased to non-federal entities by end of FY.	23
FOSTS_ACRE_FED	NUMBER		10,2	Required	The total number of acres transferred to federal agencies by end of FY	24
FOSTS_ACRE_NON_FED	NUMBER		10,2	Required	The total number of acres transferred to non-federal entities by end of FY.	25
CAT1_ACRE_QTY	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that classified as Category 1 of the environmental condition of property.	26.a
CAT2_ACRE_QTY	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that classified as Category 2 of the environmental condition of property.	26.b
CAT3_ACRE_QTY	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that classified as Category 3 of the environmental condition of property.	26.c
CAT4_ACRE_QTY	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that classified as Category 4 of the environmental condition of property.	26.d
CAT5_ACRE_QTY	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that classified as Category 5 of the environmental condition of property.	26.e
CAT6_ACRE_QTY	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that classified as Category 6 of the environmental condition of property.	26.f
CAT7_ACRE_QTY	NUMBER		10,2	Required	Total number of acres to be transferred out of DoD that classified as Category 7 of the environmental condition of property.	26.g
POL_ACRES	NUMBER		10,2	Required	Total number of acres associated with Petroleum, Oils, and Lubricants.	27.a
UXO_ACRES	NUMBER		10,2	Required	Total number of acres associated with unexploded ordinances.	27.b
OTH_ACRES	NUMBER		10,2	Required	Total number of acres associated with natural or cultural resources.	27.c
ENV_SUIT_QTY	NUMBER		10,2	Required	Total number of acres environmentally suitable for transfer; equaling CATS 1-4 (or less as specified by BCT)	28
TOTAL_ELIGIBLE_QTY	NUMBER		10,2	Derived	Total number of acres eligible for disposal.	29
LRA_NAME	VARCHAR2		30	Required	The name of the redevelopment organization.	31
REUSE_STATUS	VARCHAR2	FK	1	Required	The status of the reuse plan.	32

RMIS Data Dictionary
BCP Abstract Tables

BCP_INSTALLATION Table						
Column Name	Data Type	PK/FK	Length	Input	Description	BCP Fld*
REUSE_PLAN_DATE	NUMBER		6	Required	The date the redevelopment plan was initiated(YYYYMM).	32
PROJ_EA_EIS_DATE	NUMBER		6	Required	The projected date of installation-wide disposal and reuse EA/EIS(YYYYMM). (NULL/Blank if ACT_EA_EIA_DATE provided).	33
ACT_EA_EIS_DATE	NUMBER		6	Required	The actual date of installation-wide disposal and reuse EA/EIS(YYYYMM). (NULL/Blank if PROJ_EA_EIA_DATE provided).	34
NEPA	VARCHAR2		4	Required	The NEPA type associated with the projected/actual date of installation-wide disposal and reuse.	33a/34a
DISP_STATUS	VARCHAR2		1	Required	Status of the final disposal of acres, submitted as being separate from the final disposal date, because of potential problems with date recording and updating.	35a
FINAL_DISP_DATE	NUMBER		6	Required	The date of final property disposal(YYYYMM).	35
FOSTS_COMP	NUMBER		6	Required	Number of FOSTS completed to end of FY.	36.a
FOSLS_COMP	NUMBER		6	Required	Number of FOSLS completed to end of FY.	36.b
FOSTS_COMP_ACRES	NUMBER		6	Required	Total number of FOST acres completed to end of FY.	36.c
FOSLS_COMP_ACRES	NUMBER		6	Required	Total number of FOSL acres completed to end of FY.	36.d
FOST_NFY	NUMBER		6	Required	Number of FOSTS projected in the next fiscal year.	36.e
FOSL_NFY	NUMBER		6	Required	Number of FOSLS projected in the next fiscal year.	36.f
FOSTS_NFY_ACRES	NUMBER		6	Required	Total number of FOST acres projected in the next fiscal year.	36.g
FOSLS_NFY_ACRES	NUMBER		6	Required	Total number of FOSL acres projected in the next fiscal year.	36.h
RIPRC_SITE	VARCHAR2		50	Derived	Site id associated with the final RIPRC taken from the SITE table.	
RIPRC_DATE	NUMBER		6	Derived	Final RIPRC date taken from the INSTALLATION table(YYYYMM).	38.b
LTM_SITE	VARCHAR2		50	Derived	The site id of the last actual site at the installation where long-term monitoring will occur.	38.a
LTM_DATE	NUMBER		6	Derived	The actual or estimated date (YYYYMM) when LTM will end at the installation. (From the CLEANUP_PHASEA table)	39.b
MULTI_FT	VARCHAR2		1	Derived	A flag which indicates if the fast track narrative contains data for multiple initiatives.	39.a
DODBEC	VARCHAR2		25	Required	Name of the DODBEC reviewer.	43.a
DODBEC_FLAG	VARCHAR2		1	Required	Indicates whether the DODBEC reviewer performed the review.	43.b
EPA_BCT	VARCHAR2		25	Required	Name of the EPA BCT reviewer.	43.c
EPA_BCT_FLAG	VARCHAR2		1	Required	Indicates whether the EPA BCT reviewer performed the review.	43.d
STATE_BCT	VARCHAR2		25	Required	Name of the state BCT reviewer.	43.e
STATE_BCT_FLAG	VARCHAR2		1	Required	Indicates whether the state BCT reviewer performed the review.	43.f
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.	
UPDATED_DATE	DATE		9	System	The date of the last update to the record. System Generated.	
CERFA_CONCUR_ACRES_CUMLTV	NUMBER		10,2	Required	Cumulative CERFA concurrence acres including concurrence received after 18-month deadline.	42a.1
CERFA_CONCUR_DATE	NUMBER		6		Date of CERFA concurrence.	42a
BCT_ADJOURN_DATE	NUMBER		6		Date BCT was disestablished.	42b
BCT_ADJOURN_STATUS	VARCHAR2		1		Flag indicating whether BCT was disestablished.	
RAB_ADJOURN_DATE	NUMBER		6		Date RAB was disestablished.	42c
RAB_ADJOURN_STATUS	VARCHAR2		1		Flag indicating whether RAB was disestablished.	

BCP_BUDGET Table

DESCRIPTION: The BCP_BUDGET table contains the total amount of money budgeted for each installation according to the BRAC Cleanup Plan. Budget data is grouped by activity. If the FFID, RSERVICE_CODE, and RSOURCE_CODE are not defined in the BCP_INSTALLATION table, records cannot be added to this table.

PRIMARY KEY:

Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, RACT_CODE**

FOREIGN KEY:

Referenced Table: **BCP_INSTALLATION**

Foreign Key Columns: **FFID**

Referenced Table: **BCP_INSTALLATION**

Foreign Key Columns: **RSERVICE_CODE**

BCP_BUDGET Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	The Federal Facility Identification (FFID) number.
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2		4	Derived (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
RACT_CODE	VARCHAR2	PK	11	Required (NOT NULL)	Code identifying the activity type to which the \$'s correspond. (Restoration - R, Compliance - C, Planning - P, Administration - A)
FY97	NUMBER		10	Required	Dollars budgeted for fiscal year 1997.
FY98	NUMBER		10	Required	Dollars budgeted for fiscal year 1998.
FY99	NUMBER		10	Required	Dollars budgeted for fiscal year 1999.
FY00	NUMBER		10	Required	Dollars budgeted for fiscal year 2000.
FY01	NUMBER		10	Required	Dollars budgeted for fiscal year 2001.
FY02	NUMBER		10	Required	Dollars budgeted for fiscal year 2002.
FY03	NUMBER		10	Required	Dollars budgeted for fiscal year 2003.
FY04	NUMBER		10	Required	Dollars budgeted for fiscal year 2004.
FY05	NUMBER		10	Required	Dollars budgeted for fiscal year 2005.
FY06COMP	NUMBER		10	Required	Dollars budgeted for fiscal years 2006 to complete.
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated. System Generated.

BCP_NARRATIVE Table

DESCRIPTION: The BCP_NARRATIVE table contains large text columns describing installation problem areas, significant issues, insights, lessons, and successes. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* be defined in the BCP_INSTALLATION table before they can be added to this table.

PRIMARY KEY:

Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, RBCP_TYPE**

FOREIGN KEY:

Referenced Table: **BCP_INSTALLATION**

Foreign Key Columns: **FFID**

Referenced Table: **REF_BCP_TYPE**

Foreign Key Columns: **RBCP_TYPE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

BCP_NARRATIVE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. This <i>must</i> be defined in the SITE table. (see INSTALLATION table)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK	4	Derived (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
RBCP_TYPE	VARCHAR2	PK/FK	2	Derived (NOT NULL)	The section of the BCP summary. (Restoration, Compliance, etc.)
NARRATIVE	VARCHAR2		2000	Required	The narrative text associated with the section of the BCP summary.
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated in RMIS. System Generated.

BCP_SUB_NARRATIVE Table

DESCRIPTION: The BCP_SUB_NARRATIVE table contains text columns describing the sub sections of each of the summary areas of the BCP Abstract. The FFID, RSERVICE_CODE, and RSOURCE_CODE *must* be defined in the BCP_INSTALLATION table, and the RBCP_TYPE *must* exist in the BCP_NARRATIVE table before records can be added to this table.

PRIMARY KEY:

Primary Key Columns: **FFID, RSERVICE_CODE, RSOURCE_CODE, RBCP_TYPE, RBCP_SUB_TYPE, BCP_SUB_NARR_SEQ_ID**

FOREIGN KEY:

Referenced Table: **BCP_INSTALLATION**

Foreign Key Columns: **FFID**

Referenced Table: **REF_BCP_TYPE**

Foreign Key Columns: **RBCP_TYPE**

Referenced Table: **REF_BCP_SUB_TYPE**

Foreign Key Columns: **RBCP_SUB_TYPE**

Referenced Table: **REF_SERVICE**

Foreign Key Columns: **RSERVICE_CODE**

BCP_SUB_NARRATIVE Table					
Column Name	Data Type	PK/FK	Length	Input	Description
FFID	VARCHAR2	PK/FK	14	Required (NOT NULL)	Federal Facility Identification (FFID) number. This <i>must</i> be defined in the SITE table. (see INSTALLATION table)
RSERVICE_CODE	VARCHAR2	FK	4	Derived (NOT NULL)	The code for the Component that submitted the data and has oversight of the installation/property. (See REF_SERVICE table)
RSOURCE_CODE	VARCHAR2	PK	4	Derived (NOT NULL)	This code identifies the program to which the installation primarily belongs. Active military installations and formerly used defense sites (FUDS) are identified as 'DERA' and installations included on one of the four BRAC lists are identified as 'BRAC'.
RBCP_TYPE	VARCHAR2	PK/FK	2	Derived (NOT NULL)	The section of the BCP summary. (Restoration, Compliance, etc.)
RBCP_SUB_TYPE	VARCHAR2	PK/FK	2	Derived (NOT NULL)	The sub-section of the summary(Radiological Survey, etc.)
NARRATIVE	VARCHAR2		1000	Required	The narrative text associated with the section of the BCP summary.
CREATED_DATE	DATE		9	System	The date the record was created in RMIS. System Generated.
UPDATED_DATE	DATE		9	System	The date the record was last updated in RMIS. System Generated.
BCP_SUB_NARR_SEQ_ID	NUMBER	PK	5	Derived (NOT NULL)	A sequence number used to tie more than one record together to accommodate narrative text longer than 1000 characters.

BCP Abstract Reference Tables

REF_ACT_CODE Table

DESCRIPTION: The REF_ACT_CODE table stores valid BCP budget Activity codes identifying each budget activity of the BCP Abstract Installation Budget section. These codes were generated for internal use and have no relevance outside the realm of the RMIS database.

PRIMARY KEY:

Primary Key Column: **RACT_CODE**

REF_ACT_CODE Table				
Column Name	Data Type	PK/FK	Length	Description
RACT_CODE	VARCHAR2	PK	1	This code represents a corresponding BCP budget activity.
RACT_NAME	VARCHAR2		30	The name of the BCP budget activity code.
RACT_DESC	VARCHAR2		500	The description of the budget activity code

REF_ACT_CODE Table Values		
RACT_CODE	RACT_NAME	RACT_DESC
A	Administration	Funding and cost requirements related for program administration costs such program management, travel, training, and other support requirements (to include support from other agencies. RAB cost also should be included.
C	Compliance	Funding and cost requirements related to closure activities; generally related to projects associated with facilities and building requiring cleanup or abatement, i.e. closure of hazardous waste treatment, storage, and disposal facilities; conduct or radon surveys; abatement of asbestos and lead-based paints; UXO/OE clearance; and removal of underground storage tanks necessary to support transfer of property.
P	Planning	Funding and cost requirements related to NEPA analysis or development of an Environmental Assessment/Environmental Impact Statement; develop of a BRAC Cleanup Plan or Environmental Baseline Survey for the installation; and Findings of Suitability to Transfer and Findings of Suitability to Lease as applicable to specific parcels of real property.
R	Restoration	Funding and cost requirements related to restoration activities at BRAC installation are the same as those defined in the Defense Environmental Restoration Program (DERP). Note: Building demolition/debris removal (BD/DR) and UXO/OE clearance are not eligible expense.
U	UXO	Funding and cost requirements related to unexploded ordinance.

REF_BCP_TYPE Table

DESCRIPTION: The REF_BCP_TYPE table stores valid BCP narrative type codes identifying each summary area of the BCP Abstract narratives. These codes were generated for internal use and have no relevance outside the realm of the RMIS database.

PRIMARY KEY:

Primary Key Column: **RBCP_TYPE**

REF_BCP_TYPE Table				
Column Name	Data Type	PK/FK	Length	Description
RBCP_TYPE	VARCHAR2	PK	2	This code represents a corresponding BCP summary type.
RBCP_DESC	VARCHAR2		30	The description of the summary area within the BCP Abstract narratives.
RBCP_TYPE_SORT	NUMBER		2	Number used to put table values in logical sequence rather than alphabetical order.

REF_BCP_TYPE Table Values		
RBCP_TYPE	RBCP_DESC	RBCP_TYPE_SORT
CN	Conservation Program	3
CP	Compliance Program	2
ETA	Early Transfer Authority	5
FT	Fast-Track Cleanup Summary	4
RS	Restoration Program	1

REF_BCP_SUB_TYPE Table

DESCRIPTION: The REF_BCP_SUB_TYPE table stores valid BCP narrative subtype codes identifying areas within each summary area of the BCP Abstract narratives (i.e. Restoration, Compliance, Conservation, or Fast Track) These codes were generated for internal use and have no relevance outside the realm of the RMIS database. NOTE: the specific codes and description will be added to this table as new data is received.

PRIMARY KEY:

Primary Key Columns: **RBCP_SUB_TYPE**

REF_BCP_SUB_TYPE Table				
Column Name	Data Type	PK/FK	Length	Description
RBCP_SUB_TYPE	VARCHAR2	PK	3	This 1-3 character code represents the narrative
RBCP_SUB_TYPE_DESC	VARCHAR2		30	The description for the BCP sub-type code.
RBCP_SUB_TYPE_SORT	NUMBER		1	Number used to put table values in logical sequence rather than alphabetical order.

REF_BCP_SUB_TYPE Table Values		
RBCP_SUB_TYPE	RBCP_SUB_TYPE_DESC	RBCP_SUB_TYPE_SORT
AIR	Air program	7
AOC	Areas of Concern	
ASB	Asbestos	1
AST	Aboveground Storage Tanks	
H2O	Water or waster program	8
HWM	HW Mgnt	
LBP	Lead-based Paints	2
OTH	Other	11
PCB	Polychlorinated biphenyls	4
PMT	Permits	9
RAD	Radon	3
RAS	Radiological Survey	
RCR	RCRA compliance	6
UST	Underground Storage Tanks	5
UXO	Unexploded ordnance/Ordnance or explosives (UXO/OE)	10

REF_REUSE_STATUS Table

DESCRIPTION: The REF_REUSE_STATUS table stores valid codes identifying each of the status of the LRA redevelopment plan. These codes were generated for internal use and have no relevance outside the realm of the RMIS database.

PRIMARY KEY:

Primary Key Column: **RREUSE_STATUS_CODE**

REF_REUSE_STATUS Table				
Column Name	Data Type	PK/FK	Length	Description
RREUSE_STATUS_CODE	VARCHAR2	PK	1	The code that represents a corresponding BCP status of the redevelopment plan explanation.
RREUSE_STATUS_DESC	VARCHAR2		110	The description of the BCP status of the redevelopment plan code.

REF_REUSE_STATUS Table Values	
RREUSE_STATUS_CODE	RREUSE_STATUS_DESC
1	Redevelopment plan not needed
2	No interest in writing a redevelopment plan
3	Preliminary interest identified by LRA. Redevelopment plan to be or is being drafted
4	Draft redevelopment plan completed
5	LRA has adopted redevelopment plan
6	The U.S. Department of Housing and Urban Development (HUD) has concurred with the final redevelopment plan

RMIS Data Structure Diagram of Main Tables as of October 2001

